

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX121120\  
 Data File : VX019881.D  
 Acq On : 11 Dec 2020 17:41  
 Operator : JC/MD  
 Sample : VX1211WBS02  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX1211WBS02

Manual Integrations  
 APPROVED

MMDadoda

12/16/2020 12:49:51 PM

Quant Time: Dec 12 00:02:41 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X120420W.M  
 Quant Title : Sw846 8260  
 QLast Update : Fri Dec 04 15:32:53 2020  
 Response via : Initial Calibration

| Compound                     | R.T.           | QIon | Response   | Conc   | Units | Dev(Min) |
|------------------------------|----------------|------|------------|--------|-------|----------|
| -----                        |                |      |            |        |       |          |
| Internal Standards           |                |      |            |        |       |          |
| 1) Pentafluorobenzene        | 5.623          | 168  | 292039     | 50.00  | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene      | 6.824          | 114  | 471887     | 50.00  | ug/l  | 0.00     |
| 63) Chlorobenzene-d5         | 10.092         | 117  | 431045     | 50.00  | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 12.061         | 152  | 210033     | 50.00  | ug/l  | 0.00     |
| System Monitoring Compounds  |                |      |            |        |       |          |
| 33) 1,2-Dichloroethane-d4    | 6.025          | 65   | 179124     | 46.67  | ug/l  | 0.00     |
| Spiked Amount 50.000         | Range 61 - 141 |      | Recovery = | 93.34% |       |          |
| 35) Dibromofluoromethane     | 5.458          | 113  | 144301     | 47.32  | ug/l  | 0.00     |
| Spiked Amount 50.000         | Range 69 - 133 |      | Recovery = | 94.64% |       |          |
| 50) Toluene-d8               | 8.696          | 98   | 561264     | 48.21  | ug/l  | 0.00     |
| Spiked Amount 50.000         | Range 65 - 126 |      | Recovery = | 96.42% |       |          |
| 62) 4-Bromofluorobenzene     | 11.122         | 95   | 210225     | 47.44  | ug/l  | 0.00     |
| Spiked Amount 50.000         | Range 58 - 135 |      | Recovery = | 94.88% |       |          |
| Target Compounds             |                |      |            |        |       |          |
|                              |                |      |            |        |       | Qvalue   |
| 2) Dichlorodifluoromethane   | 1.185          | 85   | 47857      | 17.90  | ug/l  | 98       |
| 3) Chloromethane             | 1.313          | 50   | 52101      | 16.57  | ug/l  | 100      |
| 4) Vinyl Chloride            | 1.392          | 62   | 59894      | 18.06  | ug/l  | 100      |
| 5) Bromomethane              | 1.624          | 94   | 34366      | 31.22  | ug/l  | 97       |
| 6) Chloroethane              | 1.709          | 64   | 38890      | 19.53  | ug/l  | 97       |
| 7) Trichlorofluoromethane    | 1.916          | 101  | 85238      | 18.46  | ug/l  | 96       |
| 8) Diethyl Ether             | 2.166          | 74   | 35816      | 18.30  | ug/l  | 98       |
| 9) 1,1,2-Trichlorotrifluo... | 2.361          | 101  | 52299      | 19.76  | ug/l  | 99       |
| 10) Methyl Iodide            | 2.489          | 142  | 58221      | 14.92  | ug/l  | 99       |
| 11) Tert butyl alcohol       | 3.007          | 59   | 69120      | 85.88  | ug/l  | 99       |
| 12) 1,1-Dichloroethene       | 2.355          | 96   | 50003      | 18.69  | ug/l  | 98       |
| 13) Acrolein                 | 2.270          | 56   | 26202      | 61.85  | ug/l  | 100      |
| 14) Allyl chloride           | 2.703          | 41   | 81419      | 18.02  | ug/l  | 98       |
| 15) Acrylonitrile            | 3.111          | 53   | 166530     | 95.97  | ug/l  | 100      |
| 16) Acetone                  | 2.416          | 43   | 133865     | 92.79  | ug/l  | 98       |
| 17) Carbon Disulfide         | 2.550          | 76   | 118990     | 15.50  | ug/l  | 99       |
| 18) Methyl Acetate           | 2.745          | 43   | 71408      | 20.23  | ug/l  | 99       |
| 19) Methyl tert-butyl Ether  | 3.160          | 73   | 184836     | 18.97  | ug/l  | 99       |
| 20) Methylene Chloride       | 2.831          | 84   | 62407      | 18.04  | ug/l  | 96       |
| 21) trans-1,2-Dichloroethene | 3.142          | 96   | 56214      | 18.02  | ug/l  | 99       |
| 22) Diisopropyl ether        | 3.818          | 45   | 177244     | 19.40  | ug/l  | 98       |
| 23) Vinyl Acetate            | 3.782          | 43   | 741481     | 95.26  | ug/l  | 99       |
| 24) 1,1-Dichloroethane       | 3.666          | 63   | 105529     | 19.15  | ug/l  | 99       |
| 25) 2-Butanone               | 4.629          | 43   | 212297     | 95.76  | ug/l  | 100      |
| 26) 2,2-Dichloropropane      | 4.544          | 77   | 86401      | 18.21  | ug/l  | 100      |
| 27) cis-1,2-Dichloroethene   | 4.556          | 96   | 67378      | 18.46  | ug/l  | 99       |
| 28) Bromochloromethane       | 4.977          | 49   | 48868      | 18.61  | ug/l  | 99       |
| 29) Tetrahydrofuran          | 5.080          | 42   | 136459     | 95.54  | ug/l  | 99       |
| 30) Chloroform               | 5.172          | 83   | 108260     | 19.11  | ug/l  | 97       |
| 31) Cyclohexane              | 5.544          | 56   | 87044      | 18.23  | ug/l  | 97       |
| 32) 1,1,1-Trichloroethane    | 5.458          | 97   | 92037      | 18.86  | ug/l  | 99       |
| 36) 1,1-Dichloropropene      | 5.763          | 75   | 77129      | 18.09  | ug/l  | 99       |
| 37) Ethyl Acetate            | 4.788          | 43   | 82096      | 19.07  | ug/l  | 99       |
| 38) Carbon Tetrachloride     | 5.751          | 117  | 75784      | 18.15  | ug/l  | 97       |
| 39) Methylcyclohexane        | 7.434          | 83   | 90929      | 18.15  | ug/l  | 97       |

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 Sample : VX1211WBS02  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX1211WBS02

Manual Integrations  
 APPROVED

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12/16/2020 12:49:51 PM

Quant Time: Dec 12 00:02:41 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X120420W.M  
 Quant Title : Sw846 8260  
 QLast Update : Fri Dec 04 15:32:53 2020  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| 40) Benzene                   | 6.111  | 78   | 243392   | 18.69  | ug/l   | 99       |
| 41) Methacrylonitrile         | 4.995  | 41   | 44278    | 18.73  | ug/l   | 99       |
| 42) 1,2-Dichloroethane        | 6.159  | 62   | 84705    | 19.03  | ug/l   | 100      |
| 43) Isopropyl Acetate         | 6.409  | 43   | 129887   | 18.56  | ug/l   | 100      |
| 44) Trichloroethene           | 7.184  | 130  | 62251    | 18.21  | ug/l   | 98       |
| 45) 1,2-Dichloropropane       | 7.488  | 63   | 61547    | 18.91  | ug/l   | 100      |
| 46) Dibromomethane            | 7.635  | 93   | 41329    | 18.80  | ug/l   | 98       |
| 47) Bromodichloromethane      | 7.872  | 83   | 80612    | 18.48  | ug/l   | 99       |
| 48) Methyl methacrylate       | 7.738  | 41   | 63635    | 18.49  | ug/l   | 98       |
| 49) 1,4-Dioxane               | 7.708  | 88   | 31550    | 378.33 | ug/l   | 99       |
| 51) 4-Methyl-2-Pentanone      | 8.616  | 43   | 415512   | 97.23  | ug/l   | 100      |
| 52) Toluene                   | 8.763  | 92   | 152726   | 18.75  | ug/l   | 100      |
| 53) t-1,3-Dichloropropene     | 9.019  | 75   | 86292    | 17.83  | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene   | 8.409  | 75   | 96520    | 18.35  | ug/l   | 99       |
| 55) 1,1,2-Trichloroethane     | 9.195  | 97   | 63828    | 19.44  | ug/l   | 98       |
| 56) Ethyl methacrylate        | 9.159  | 69   | 91675    | 18.46  | ug/l   | 99       |
| 57) 1,3-Dichloropropane       | 9.348  | 76   | 105208   | 18.77  | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether | 8.287  | 63   | 258394   | 98.20  | ug/l   | 99       |
| 59) 2-Hexanone                | 9.470  | 43   | 312987   | 94.49  | ug/l   | 100      |
| 60) Dibromochloromethane      | 9.561  | 129  | 61347    | 18.39  | ug/l   | 100      |
| 61) 1,2-Dibromoethane         | 9.653  | 107  | 65080    | 18.67  | ug/l   | 99       |
| 64) Tetrachloroethene         | 9.317  | 164  | 58209    | 20.14  | ug/l   | 98       |
| 65) Chlorobenzene             | 10.122 | 112  | 161310   | 18.78  | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane | 10.201 | 131  | 59033    | 19.10  | ug/l   | 99       |
| 67) Ethyl Benzene             | 10.232 | 91   | 288634   | 18.94  | ug/l   | 99       |
| 68) m/p-Xylenes               | 10.342 | 106  | 219401   | 38.20  | ug/l   | 100      |
| 69) o-Xylene                  | 10.683 | 106  | 103194   | 18.68  | ug/l   | 100      |
| 70) Styrene                   | 10.695 | 104  | 174659   | 18.73  | ug/l   | 100      |
| 71) Bromoform                 | 10.841 | 173  | 44064    | 18.12  | ug/l # | 100      |
| 73) Isopropylbenzene          | 11.000 | 105  | 282213   | 19.67  | ug/l   | 100      |
| 74) N-amyl acetate            | 10.878 | 43   | 105652   | 18.37  | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane | 11.250 | 83   | 98555    | 19.48  | ug/l   | 98       |
| 76) 1,2,3-Trichloropropane    | 11.280 | 75   | 92826m   | 19.71  | ug/l   |          |
| 77) Bromobenzene              | 11.238 | 156  | 70641    | 19.24  | ug/l   | 99       |
| 78) n-propylbenzene           | 11.341 | 91   | 321819   | 19.64  | ug/l   | 99       |
| 79) 2-Chlorotoluene           | 11.402 | 91   | 197869   | 19.61  | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene    | 11.488 | 105  | 238026   | 19.65  | ug/l   | 98       |
| 81) trans-1,4-Dichloro-2-b... | 11.055 | 75   | 28806    | 17.68  | ug/l   | 95       |
| 82) 4-Chlorotoluene           | 11.494 | 91   | 228136   | 19.30  | ug/l   | 98       |
| 83) tert-Butylbenzene         | 11.756 | 119  | 231587   | 19.50  | ug/l   | 98       |
| 84) 1,2,4-Trimethylbenzene    | 11.793 | 105  | 242793   | 19.90  | ug/l   | 100      |
| 85) sec-Butylbenzene          | 11.927 | 105  | 268708   | 19.82  | ug/l   | 100      |
| 86) p-Isopropyltoluene        | 12.049 | 119  | 247792   | 19.94  | ug/l   | 100      |
| 87) 1,3-Dichlorobenzene       | 12.006 | 146  | 126949   | 18.84  | ug/l   | 100      |
| 88) 1,4-Dichlorobenzene       | 12.079 | 146  | 125657   | 18.31  | ug/l   | 97       |
| 89) n-Butylbenzene            | 12.372 | 91   | 212057   | 19.26  | ug/l   | 99       |
| 90) Hexachloroethane          | 12.579 | 117  | 40085    | 18.68  | ug/l   | 97       |
| 91) 1,2-Dichlorobenzene       | 12.372 | 146  | 127938   | 19.47  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 12.981 | 75   | 20551    | 18.90  | ug/l   | 94       |
| 93) 1,2,4-Trichlorobenzene    | 13.628 | 180  | 80104    | 18.73  | ug/l   | 96       |
| 94) Hexachlorobutadiene       | 13.762 | 225  | 38366    | 20.07  | ug/l   | 98       |
| 95) Naphthalene               | 13.817 | 128  | 264362   | 19.07  | ug/l   | 100      |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX121120\  
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Sample : VX1211WBS02  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Dec 12 00:02:41 2020  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X120420W.M  
Quant Title : Sw846 8260  
QLast Update : Fri Dec 04 15:32:53 2020  
Response via : Initial Calibration

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1211WBS02

Manual Integrations  
APPROVED

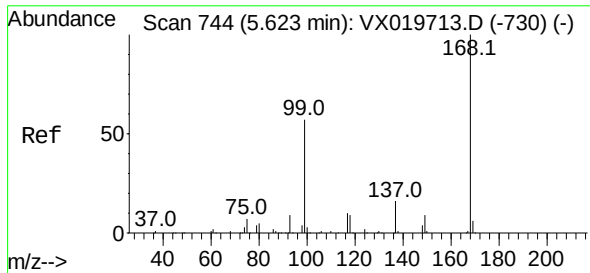
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| Compound                   | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|--------|------|----------|-------|-------|----------|
| 96) 1,2,3-Trichlorobenzene | 13.999 | 180  | 80906    | 19.36 | ug/l  | 99       |

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





#1  
Pentafluorobenzene  
Concen: 50.00 ug/l  
RT: 5.623 min Scan# 744  
Delta R.T. -0.000 min  
Lab File: VX019881.D  
Acq: 11 Dec 2020 17:41

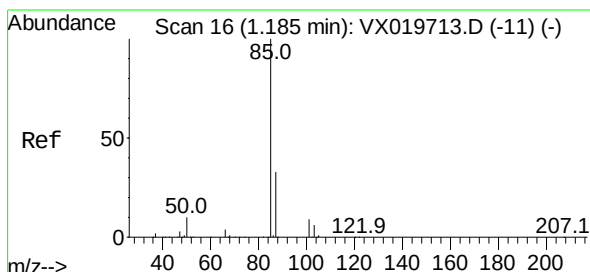
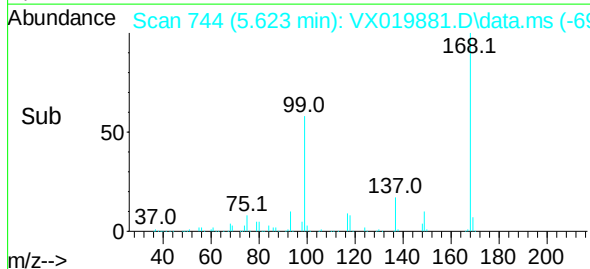
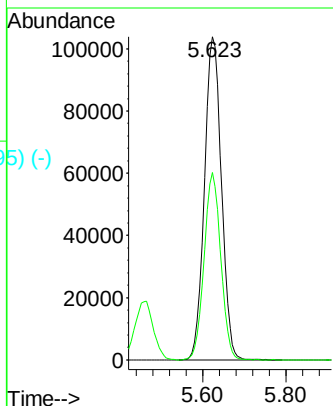
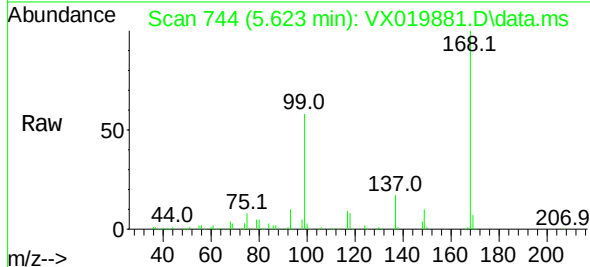
Tgt Ion:168 Resp: 292039  
Ion Ratio Lower Upper  
168 100  
99 58.0 45.8 68.6

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1211WBS02

Manual Integrations  
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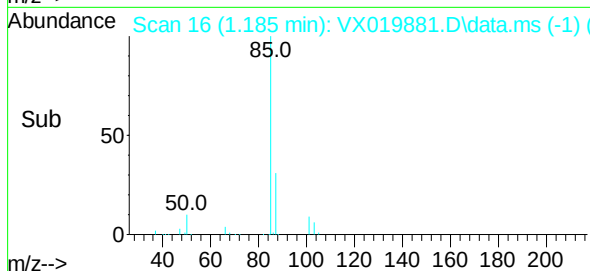
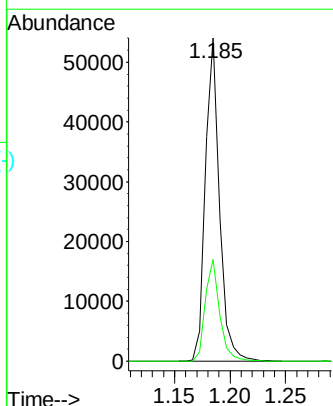
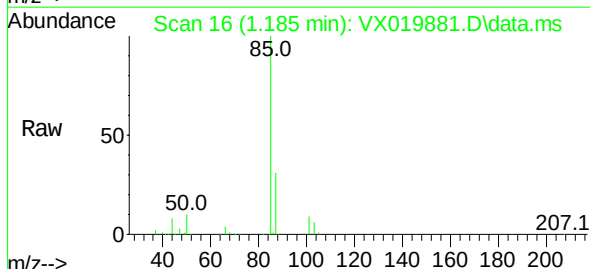
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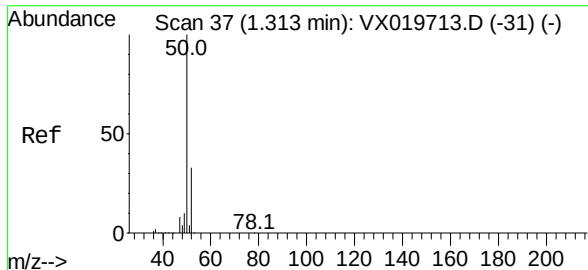
12/16/2020 12:49:51 PM



#2  
Dichlorodifluoromethane  
Concen: 17.90 ug/l  
RT: 1.185 min Scan# 16  
Delta R.T. -0.000 min  
Lab File: VX019881.D  
Acq: 11 Dec 2020 17:41

Tgt Ion: 85 Resp: 47857  
Ion Ratio Lower Upper  
85 100  
87 31.5 16.4 49.2





#3  
Chloromethane  
Concen: 16.57 ug/l  
RT: 1.313 min Scan# 37  
Delta R.T. -0.000 min  
Lab File: VX019881.D  
Acq: 11 Dec 2020 17:41

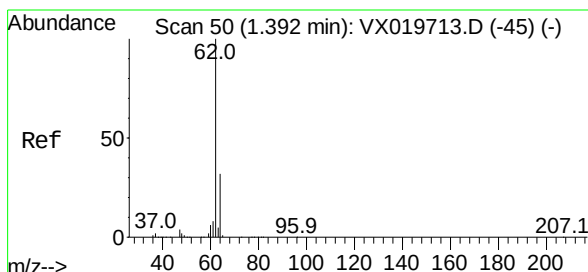
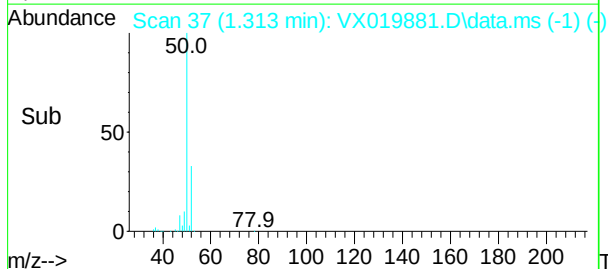
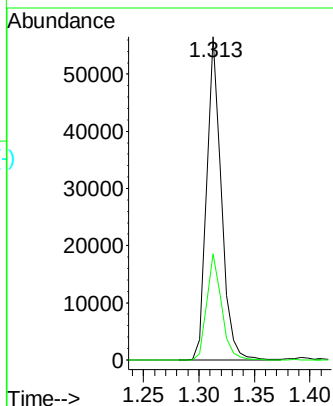
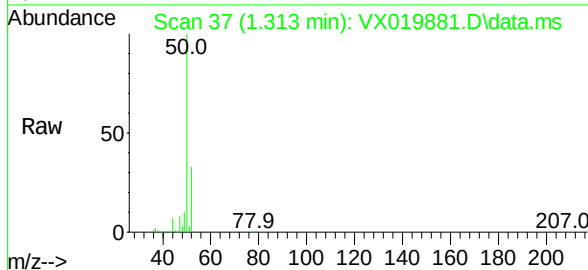
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1211WBS02

Tgt Ion: 50 Resp: 52101  
Ion Ratio Lower Upper  
50 100  
52 32.9 26.4 39.6

Manual Integrations  
APPROVED

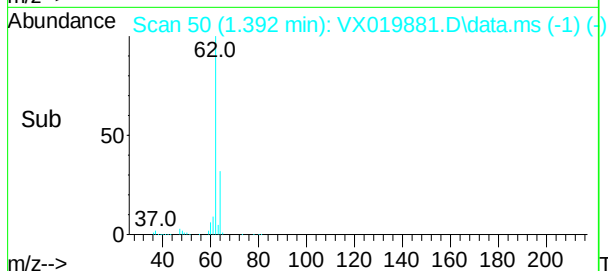
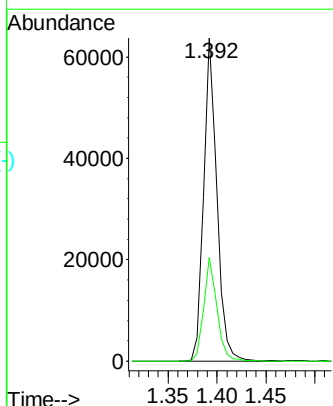
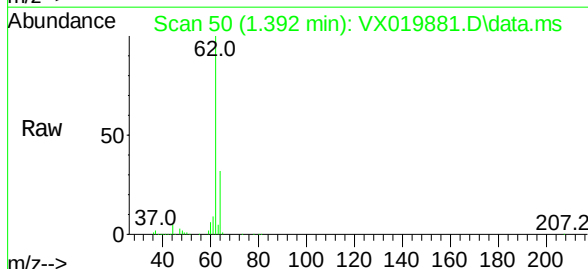
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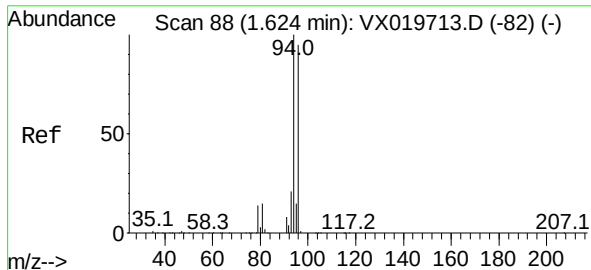
12/16/2020 12:49:51 PM



#4  
Vinyl Chloride  
Concen: 18.06 ug/l  
RT: 1.392 min Scan# 50  
Delta R.T. -0.000 min  
Lab File: VX019881.D  
Acq: 11 Dec 2020 17:41

Tgt Ion: 62 Resp: 59894  
Ion Ratio Lower Upper  
62 100  
64 32.1 25.7 38.5





#5  
Bromomethane  
Concen: 31.22 ug/l  
RT: 1.624 min Scan# 88  
Delta R.T. 0.001 min  
Lab File: VX019881.D  
Acq: 11 Dec 2020 17:41

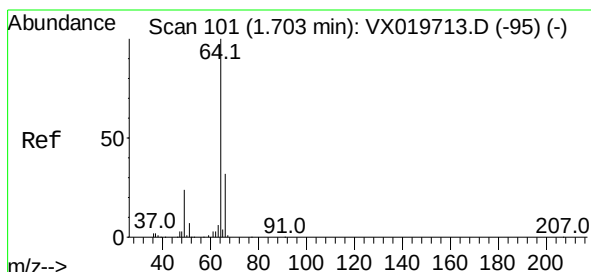
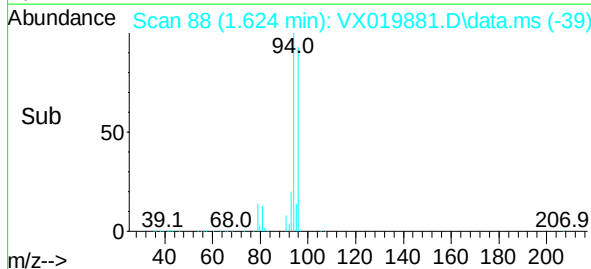
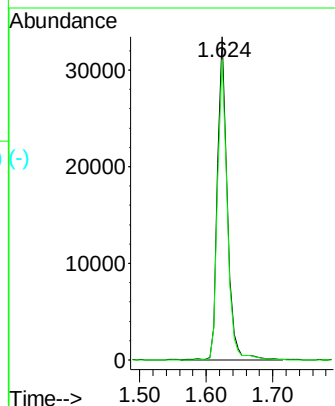
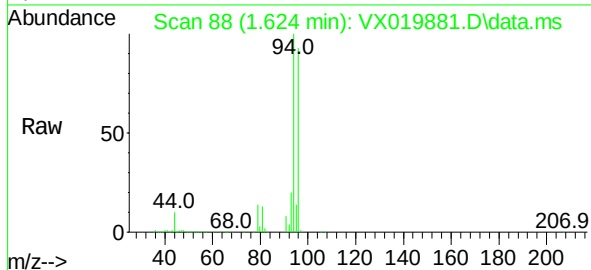
Tgt Ion: 94 Resp: 34366  
Ion Ratio Lower Upper  
94 100  
96 92.9 76.4 114.6

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1211WBS02

Manual Integrations  
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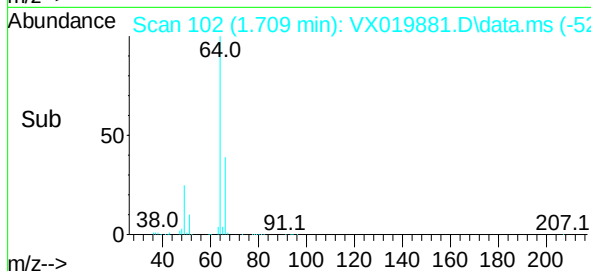
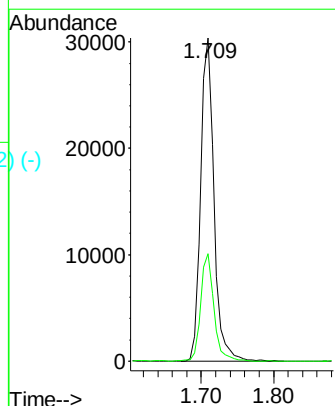
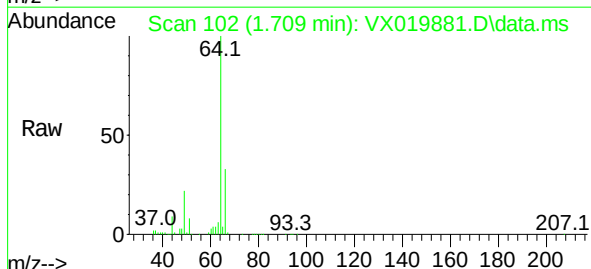
MMDadoda

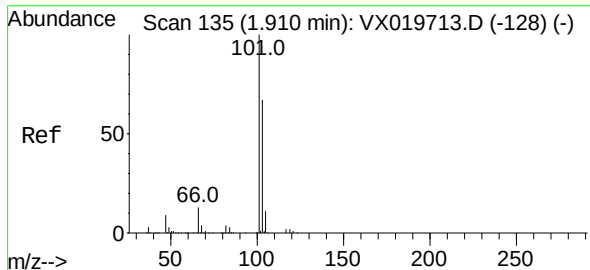
12/16/2020 12:49:51 PM



#6  
Chloroethane  
Concen: 19.53 ug/l  
RT: 1.709 min Scan# 102  
Delta R.T. 0.006 min  
Lab File: VX019881.D  
Acq: 11 Dec 2020 17:41

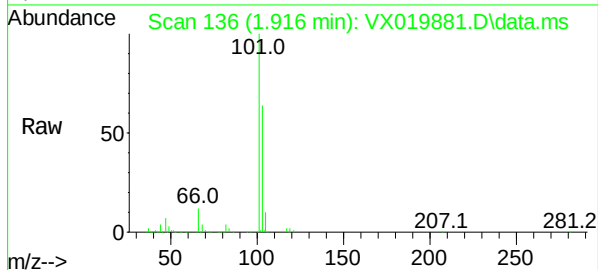
Tgt Ion: 64 Resp: 38890  
Ion Ratio Lower Upper  
64 100  
66 33.3 25.4 38.0





#7  
Trichlorofluoromethane  
Concen: 18.46 ug/l  
RT: 1.916 min Scan# 136  
Delta R.T. 0.006 min  
Lab File: VX019881.D  
Acq: 11 Dec 2020 17:41

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1211WBS02

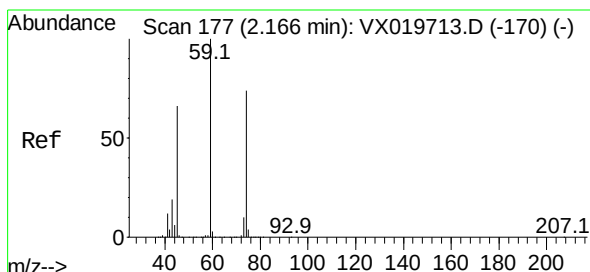
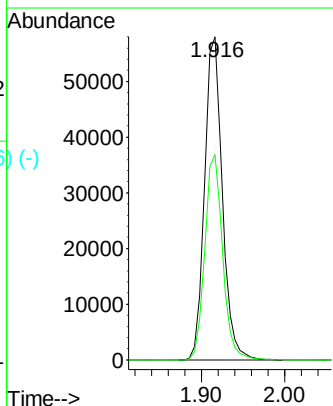
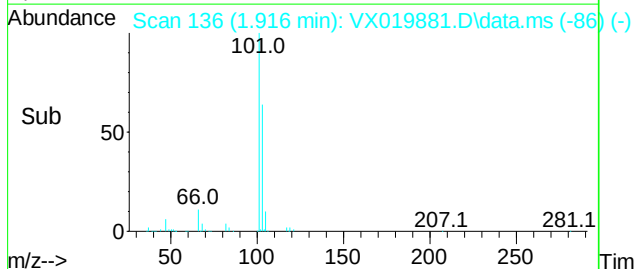


Tgt Ion:101 Resp: 85238  
Ion Ratio Lower Upper  
101 100  
103 63.6 53.2 79.8

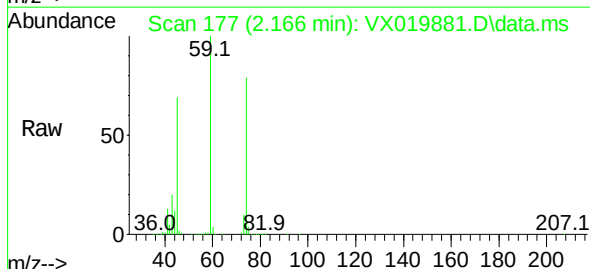
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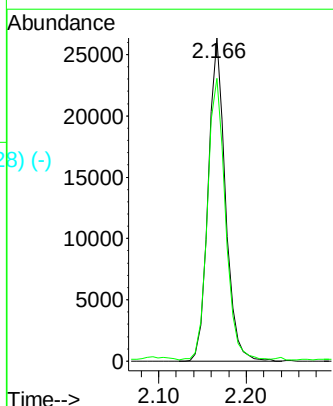
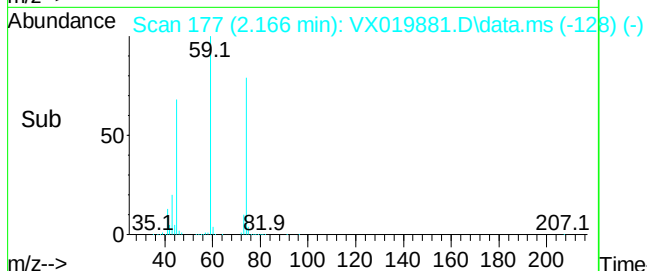
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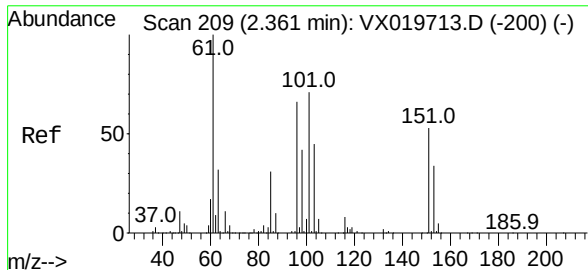
#8  
Diethyl Ether  
Concen: 18.30 ug/l  
RT: 2.166 min Scan# 177  
Delta R.T. -0.000 min  
Lab File: VX019881.D  
Acq: 11 Dec 2020 17:41



Tgt Ion: 74 Resp: 35816  
Ion Ratio Lower Upper  
74 100  
45 90.8 44.5 133.5







#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 19.76 ug/l  
RT: 2.361 min Scan# 209  
Delta R.T. -0.000 min  
Lab File: VX019881.D  
Acq: 11 Dec 2020 17:41

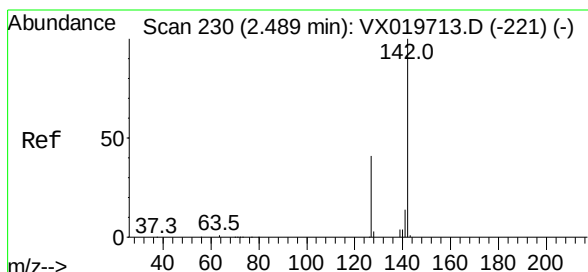
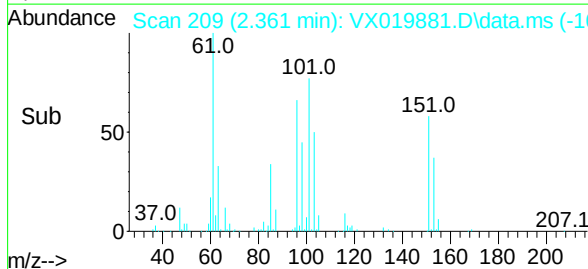
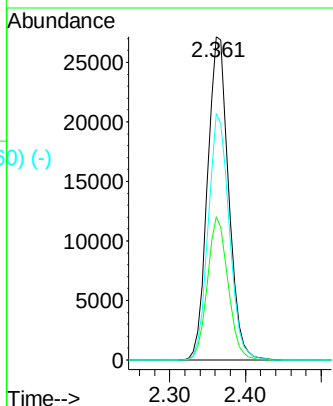
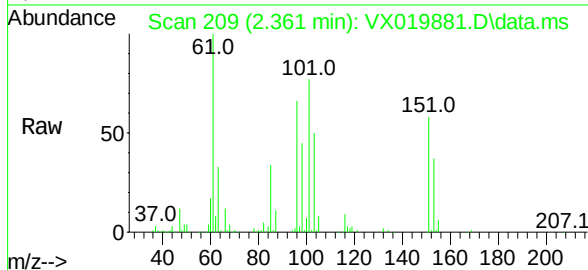
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1211WBS02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 101     | 100   |       |       |
| 85      | 43.2  | 34.9  | 52.3  |
| 151     | 75.8  | 61.4  | 92.2  |

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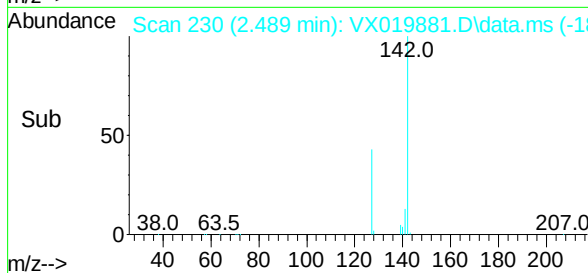
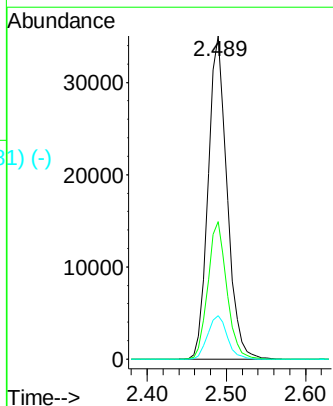
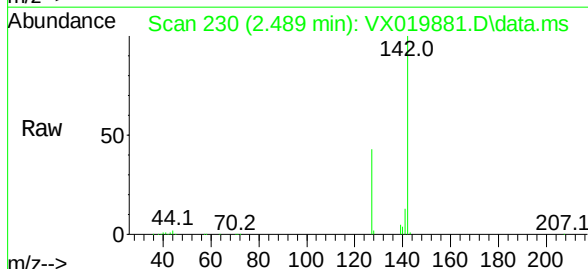
MMDadoda

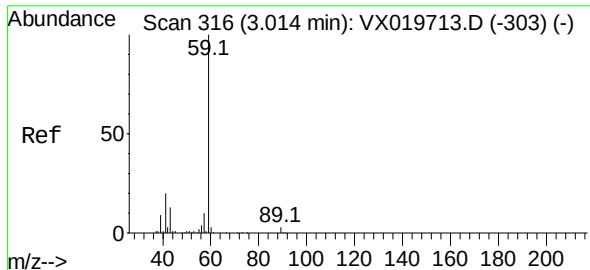
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#10  
Methyl Iodide  
Concen: 14.92 ug/l  
RT: 2.489 min Scan# 230  
Delta R.T. -0.000 min  
Lab File: VX019881.D  
Acq: 11 Dec 2020 17:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 127     | 42.5  | 33.3  | 49.9  |
| 141     | 13.9  | 11.4  | 17.0  |





#11

Tert butyl alcohol

Concen: 85.88 ug/l

RT: 3.007 min Scan# 315

Delta R.T. -0.006 min

Lab File: VX019881.D

Acq: 11 Dec 2020 17:41

Tgt Ion: 59 Resp: 69120

Ion Ratio Lower Upper

59 100

57 10.1 7.8 11.8

Instrument :

MSVOA\_X

ClientSampled :

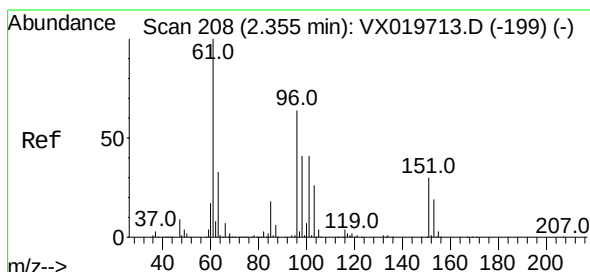
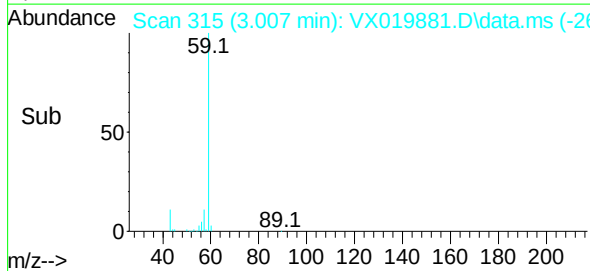
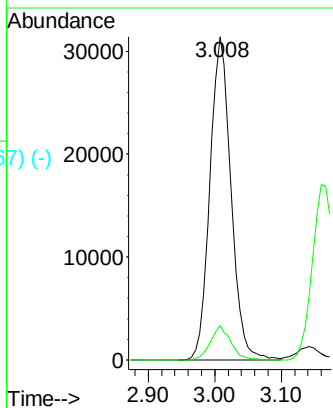
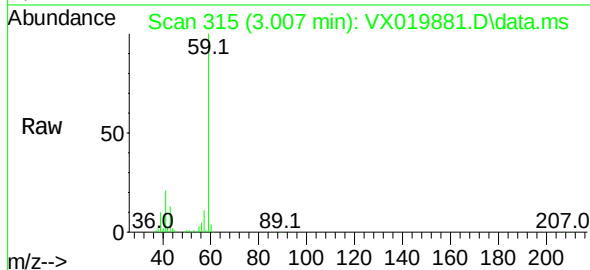
VX1211WBS02

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#12

1,1-Dichloroethene

Concen: 18.69 ug/l

RT: 2.355 min Scan# 208

Delta R.T. -0.000 min

Lab File: VX019881.D

Acq: 11 Dec 2020 17:41

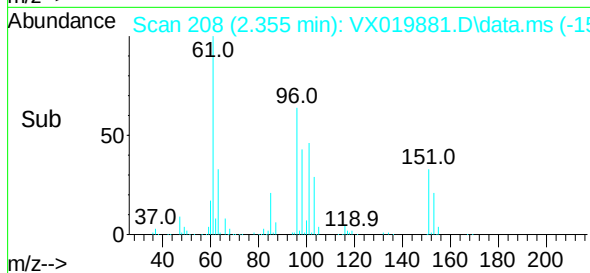
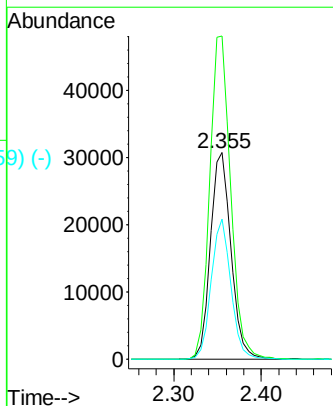
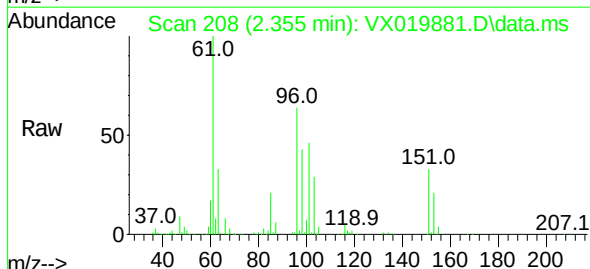
Tgt Ion: 96 Resp: 50003

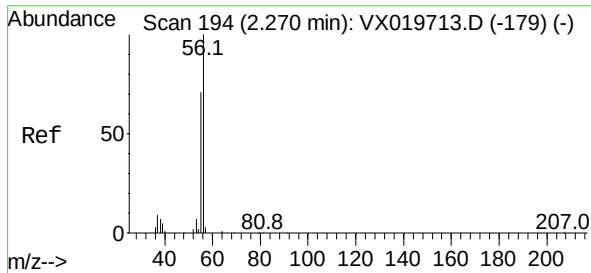
Ion Ratio Lower Upper

96 100

61 156.5 124.6 187.0

98 67.9 50.6 76.0





#13  
Acrolein  
Concen: 61.85 ug/l  
RT: 2.270 min Scan# 194  
Delta R.T. -0.000 min  
Lab File: VX019881.D  
Acq: 11 Dec 2020 17:41

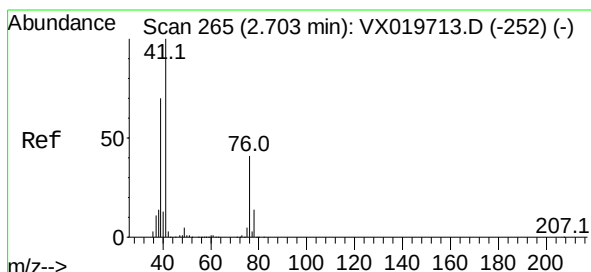
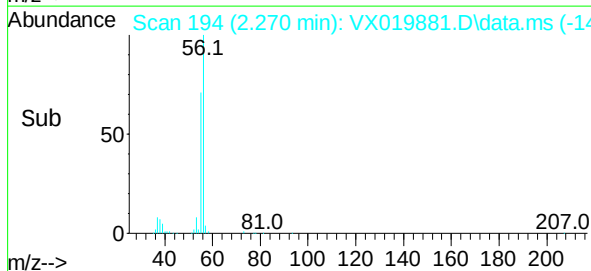
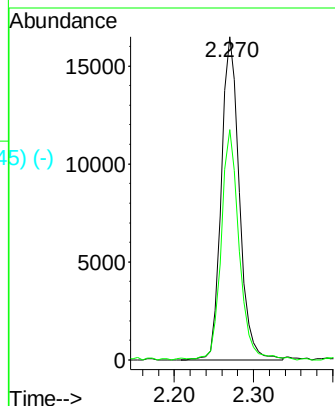
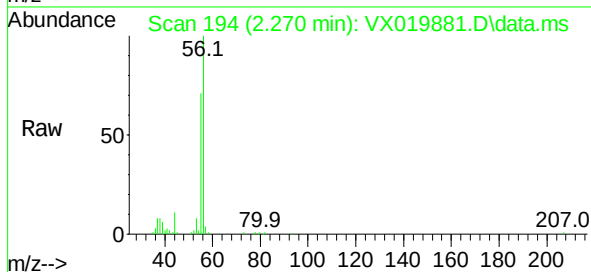
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1211WBS02

Tgt Ion: 56 Resp: 26202  
Ion Ratio Lower Upper  
56 100  
55 70.8 56.4 84.6

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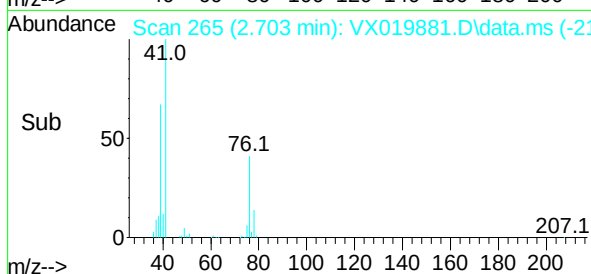
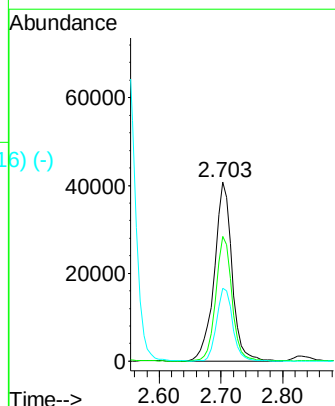
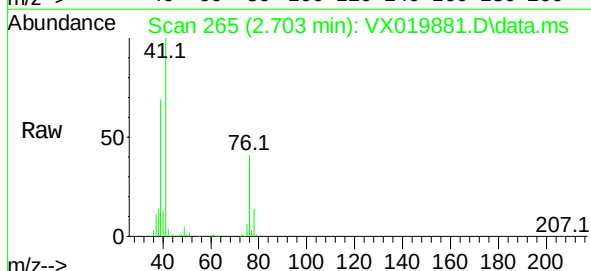
MMDadoda

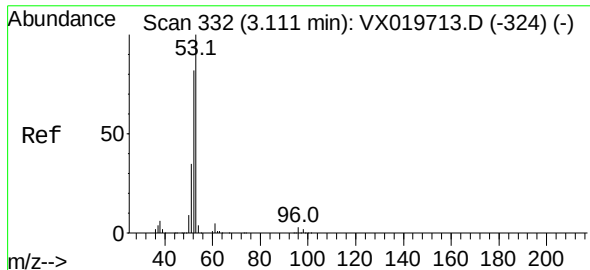
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#14  
Allyl chloride  
Concen: 18.02 ug/l  
RT: 2.703 min Scan# 265  
Delta R.T. -0.000 min  
Lab File: VX019881.D  
Acq: 11 Dec 2020 17:41

Tgt Ion: 41 Resp: 81419  
Ion Ratio Lower Upper  
41 100  
39 63.6 51.6 77.4  
76 36.7 30.5 45.7





#15  
Acrylonitrile  
Concen: 95.97 ug/l  
RT: 3.111 min Scan# 332  
Delta R.T. -0.000 min  
Lab File: VX019881.D  
Acq: 11 Dec 2020 17:41

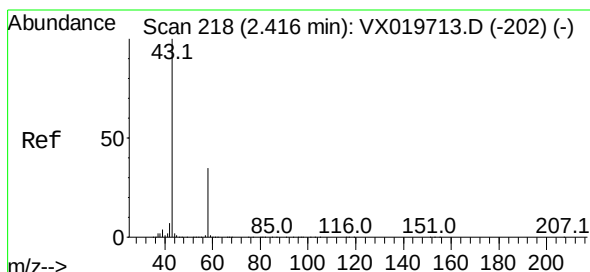
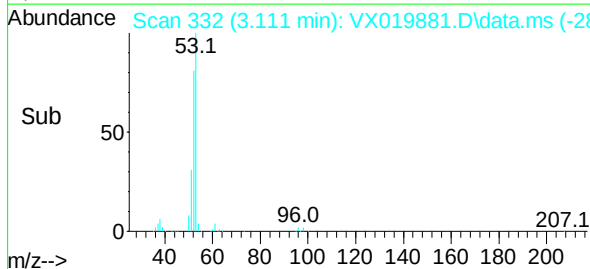
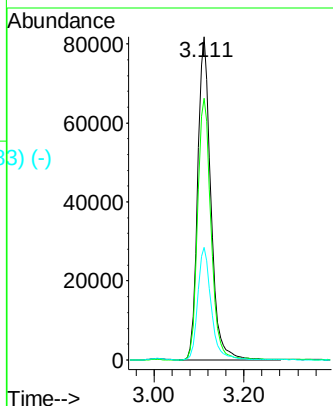
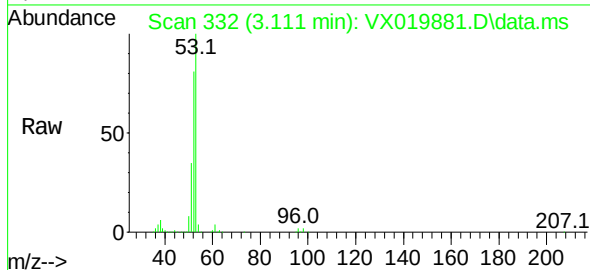
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1211WBS02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 53      | 100   |       |       |
| 52      | 82.0  | 65.3  | 97.9  |
| 51      | 35.4  | 28.2  | 42.2  |

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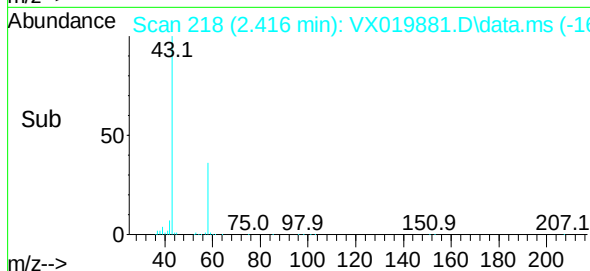
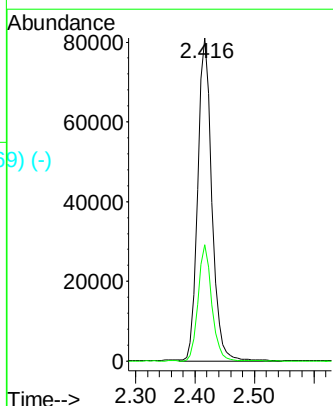
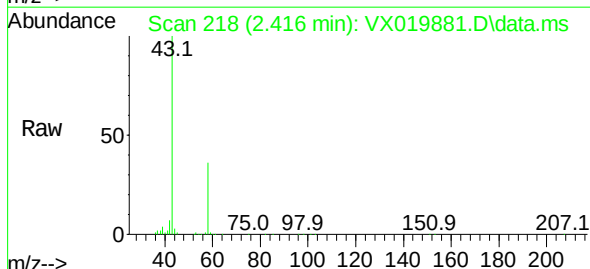
MMDadoda

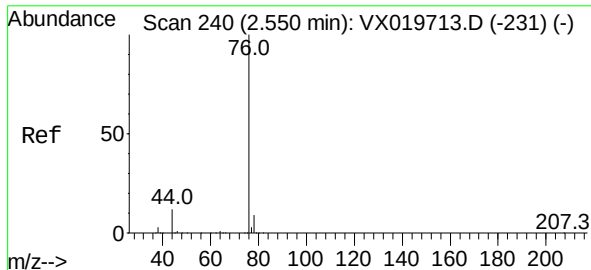
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#16  
Acetone  
Concen: 92.79 ug/l  
RT: 2.416 min Scan# 218  
Delta R.T. -0.000 min  
Lab File: VX019881.D  
Acq: 11 Dec 2020 17:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 58      | 36.0  | 27.8  | 41.8  |





#17  
Carbon Disulfide  
Concen: 15.50 ug/l  
RT: 2.550 min Scan# 240  
Delta R.T. -0.000 min  
Lab File: VX019881.D  
Acq: 11 Dec 2020 17:41

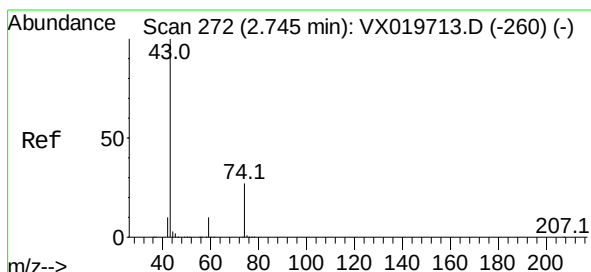
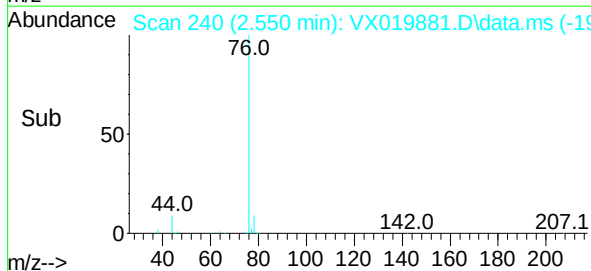
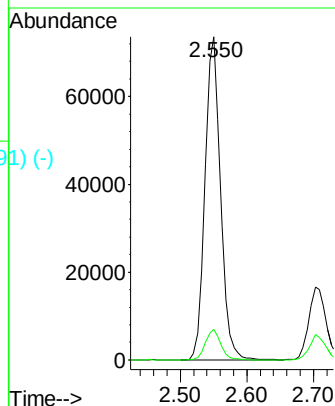
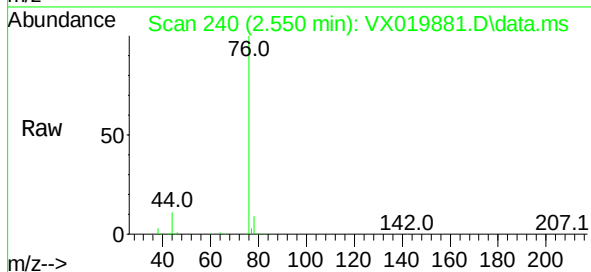
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1211WBS02

Tgt Ion: 76 Resp: 118990  
Ion Ratio Lower Upper  
76 100  
78 9.4 7.2 10.8

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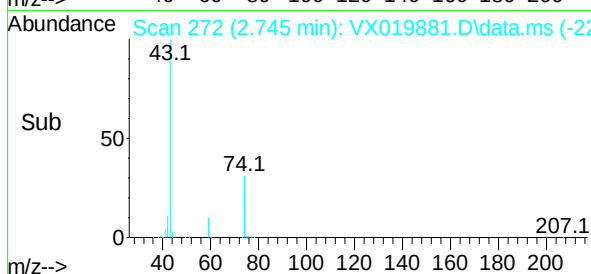
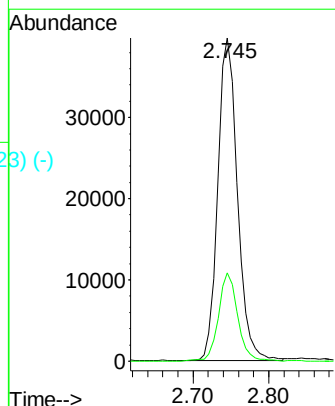
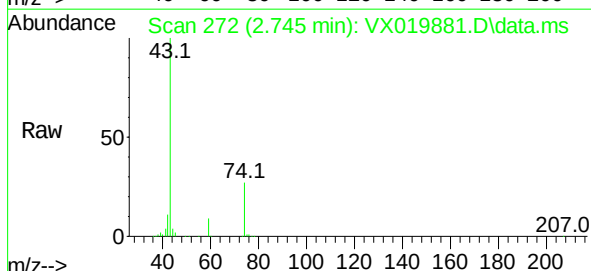
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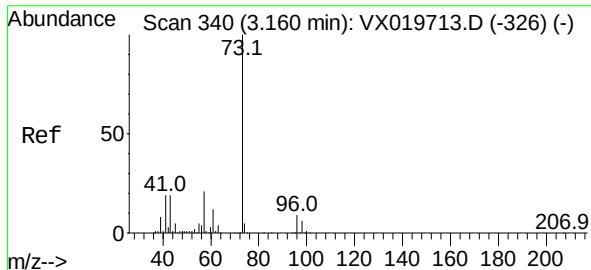
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#18  
Methyl Acetate  
Concen: 20.23 ug/l  
RT: 2.745 min Scan# 272  
Delta R.T. -0.000 min  
Lab File: VX019881.D  
Acq: 11 Dec 2020 17:41

Tgt Ion: 43 Resp: 71408  
Ion Ratio Lower Upper  
43 100  
74 26.8 21.9 32.9





#19  
Methyl tert-butyl Ether  
Concen: 18.97 ug/l  
RT: 3.160 min Scan# 340  
Delta R.T. -0.000 min  
Lab File: VX019881.D  
Acq: 11 Dec 2020 17:41

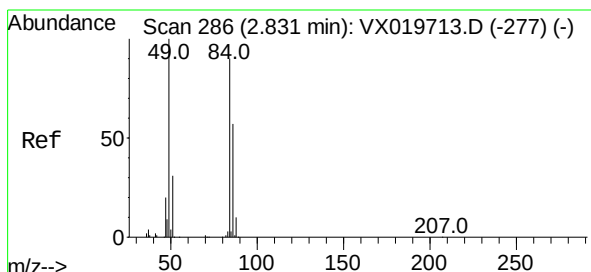
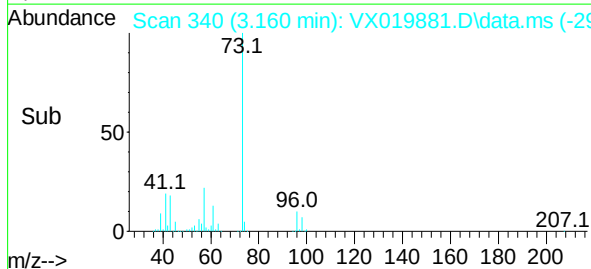
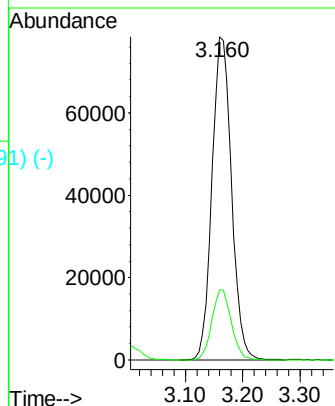
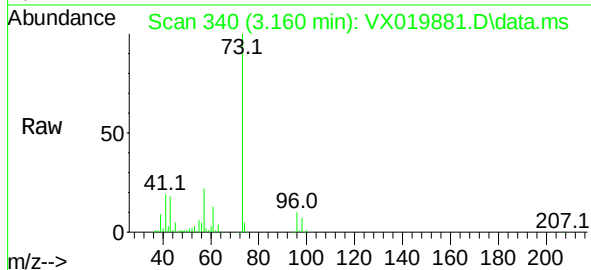
Tgt Ion: 73 Resp: 184836  
Ion Ratio Lower Upper  
73 100  
57 21.7 17.1 25.7

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1211WBS02

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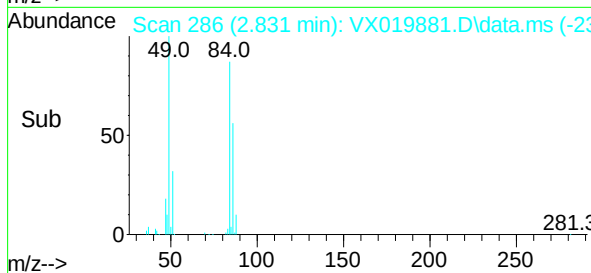
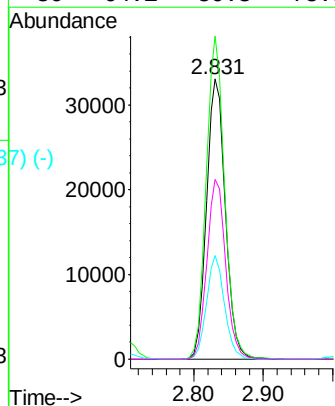
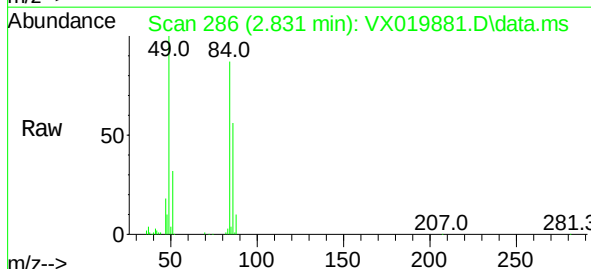
MMDadoda

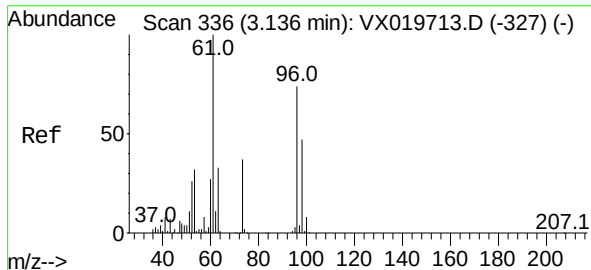
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#20  
Methylene Chloride  
Concen: 18.04 ug/l  
RT: 2.831 min Scan# 286  
Delta R.T. 0.001 min  
Lab File: VX019881.D  
Acq: 11 Dec 2020 17:41

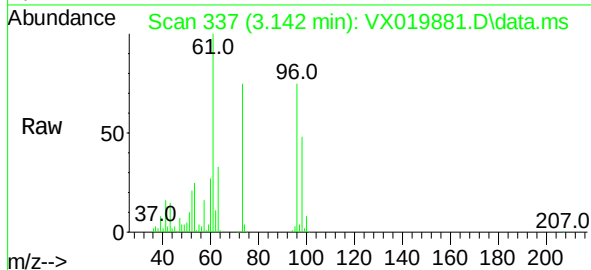
Tgt Ion: 84 Resp: 62407  
Ion Ratio Lower Upper  
84 100  
49 115.3 88.6 132.8  
51 36.9 27.0 40.6  
86 64.1 50.3 75.5





#21  
trans-1,2-Dichloroethene  
Concen: 18.02 ug/l  
RT: 3.142 min Scan# 337  
Delta R.T. 0.006 min  
Lab File: VX019881.D  
Acq: 11 Dec 2020 17:41

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1211WBS02



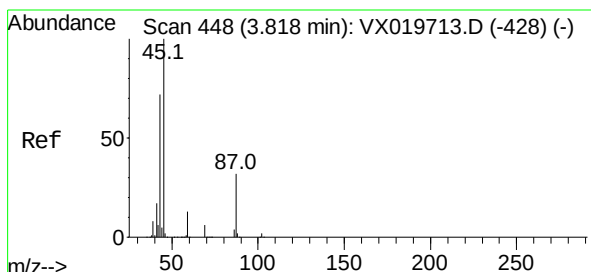
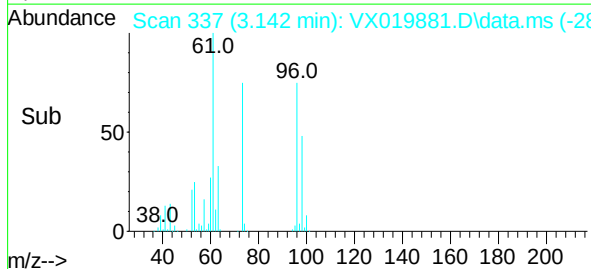
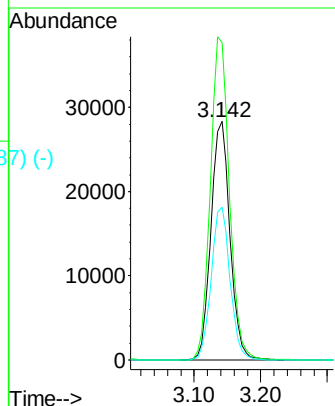
Tgt Ion: 96 Resp: 56214

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 96  | 100   |       |       |
| 61  | 133.1 | 107.7 | 161.5 |
| 98  | 64.1  | 50.4  | 75.6  |

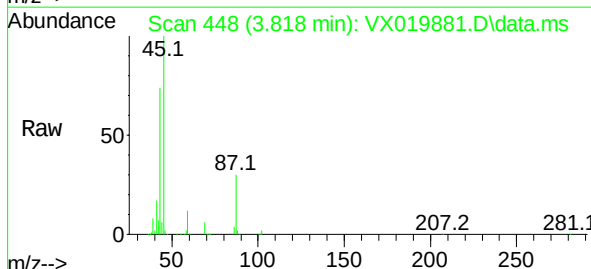
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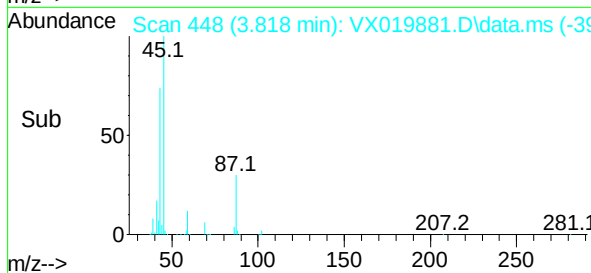
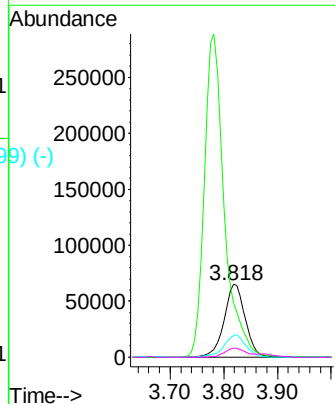


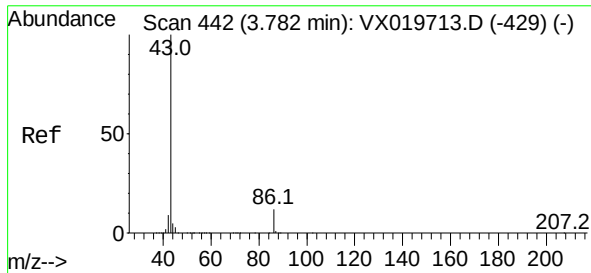
#22  
Diisopropyl ether  
Concen: 19.40 ug/l  
RT: 3.818 min Scan# 448  
Delta R.T. -0.000 min  
Lab File: VX019881.D  
Acq: 11 Dec 2020 17:41



Tgt Ion: 45 Resp: 177244

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 45  | 100   |       |       |
| 43  | 74.1  | 58.0  | 87.0  |
| 87  | 30.1  | 25.4  | 38.0  |
| 59  | 12.2  | 10.2  | 15.2  |





#23  
 Vinyl Acetate  
 Concen: 95.26 ug/l  
 RT: 3.782 min Scan# 442  
 Delta R.T. -0.000 min  
 Lab File: VX019881.D  
 Acq: 11 Dec 2020 17:41

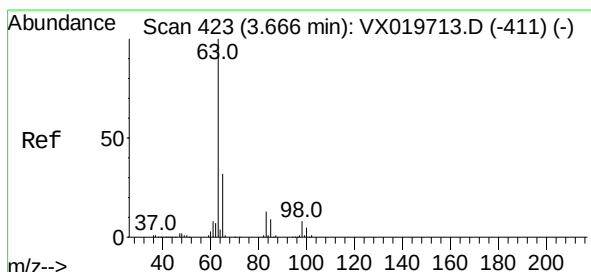
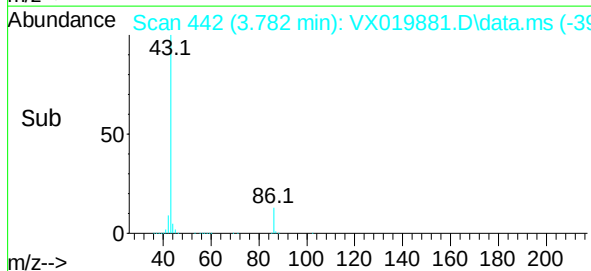
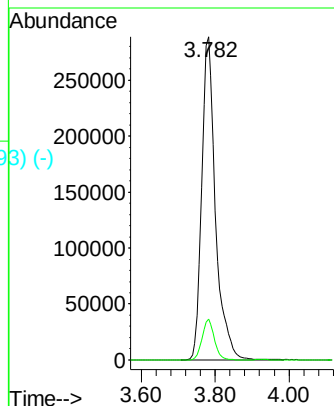
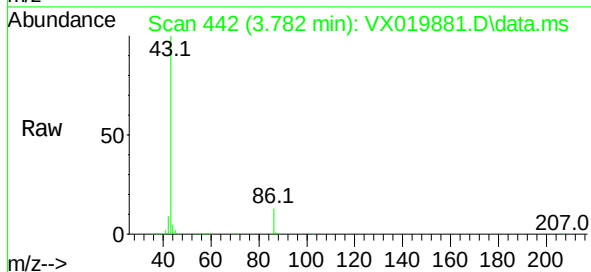
Tgt Ion: 43 Resp: 741481  
 Ion Ratio Lower Upper  
 43 100  
 86 12.6 9.9 14.9

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX1211WBS02

Manual Integrations  
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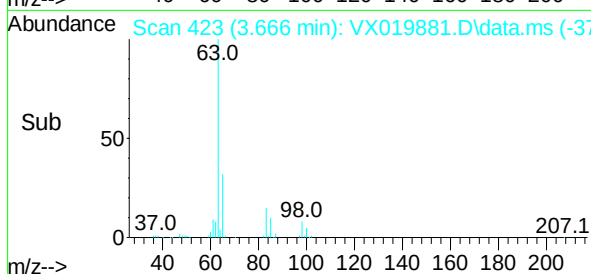
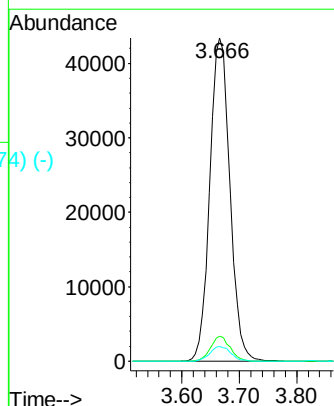
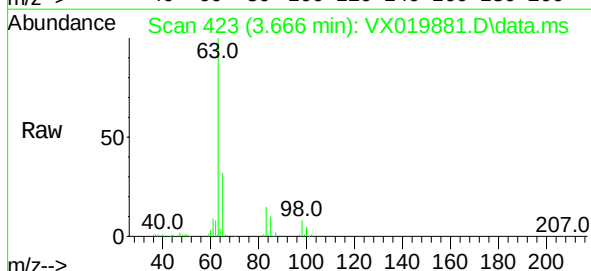
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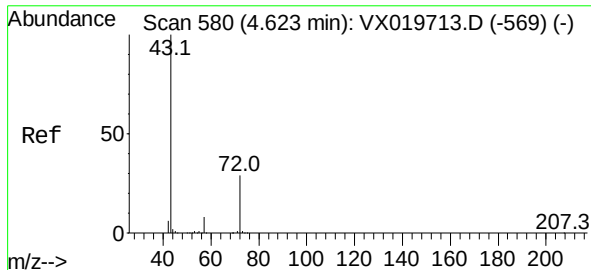


#24  
 1,1-Dichloroethane  
 Concen: 19.15 ug/l  
 RT: 3.666 min Scan# 423  
 Delta R.T. -0.000 min  
 Lab File: VX019881.D  
 Acq: 11 Dec 2020 17:41

Tgt Ion: 63 Resp: 105529  
 Ion Ratio Lower Upper  
 63 100  
 98 7.7 3.8 11.2  
 100 4.6 2.5 7.5







#25  
2-Butanone  
Concen: 95.76 ug/l  
RT: 4.629 min Scan# 581  
Delta R.T. 0.006 min  
Lab File: VX019881.D  
Acq: 11 Dec 2020 17:41

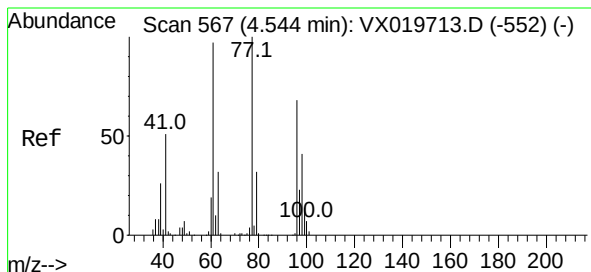
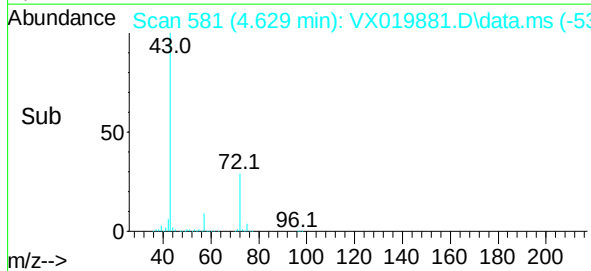
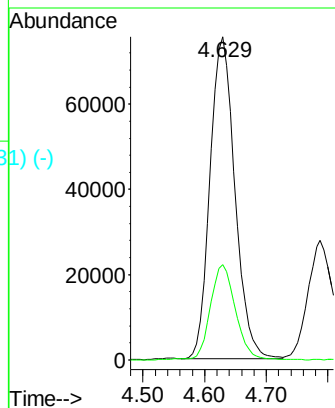
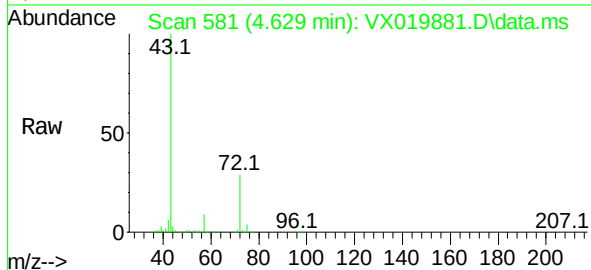
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1211WBS02

Tgt Ion: 43 Resp: 212297  
Ion Ratio Lower Upper  
43 100  
72 29.4 23.7 35.5

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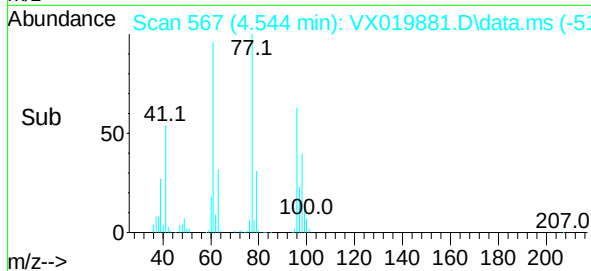
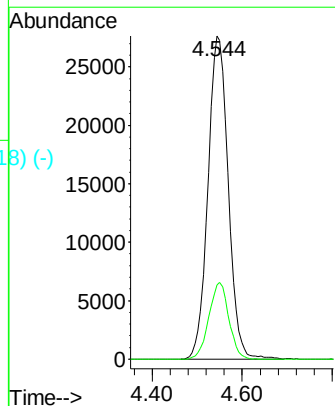
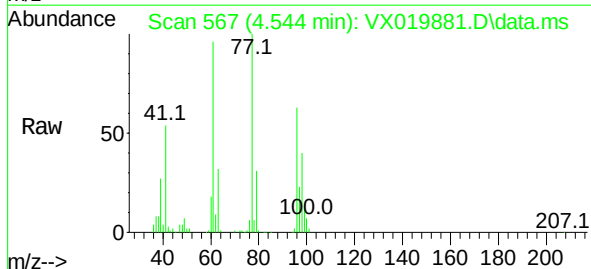
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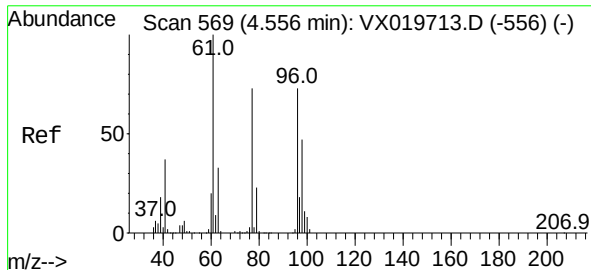
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#26  
2,2-Dichloropropane  
Concen: 18.21 ug/l  
RT: 4.544 min Scan# 567  
Delta R.T. -0.000 min  
Lab File: VX019881.D  
Acq: 11 Dec 2020 17:41

Tgt Ion: 77 Resp: 86401  
Ion Ratio Lower Upper  
77 100  
97 23.3 11.7 35.1





#27

cis-1,2-Dichloroethene

Concen: 18.46 ug/l

RT: 4.556 min Scan# 569

Delta R.T. -0.000 min

Lab File: VX019881.D

Acq: 11 Dec 2020 17:41

Tgt Ion: 96 Resp: 67378

Ion Ratio Lower Upper

96 100

61 141.5 0.0 285.6

98 63.7 0.0 129.6

Instrument :

MSVOA\_X

ClientSampleId :

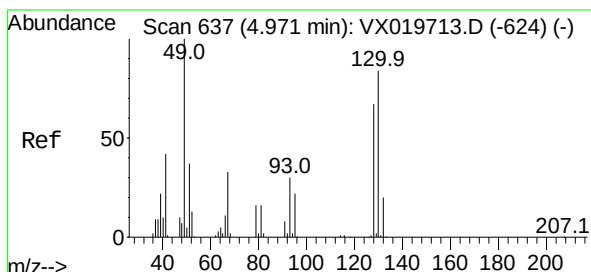
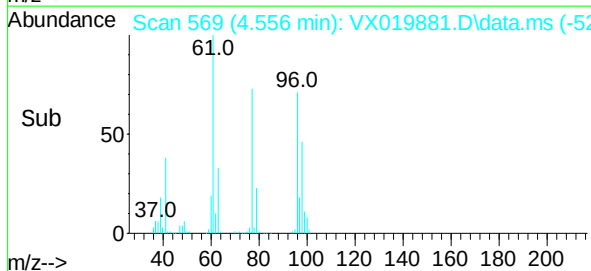
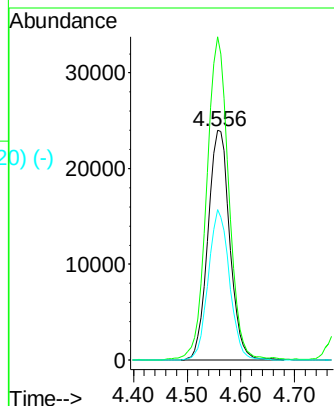
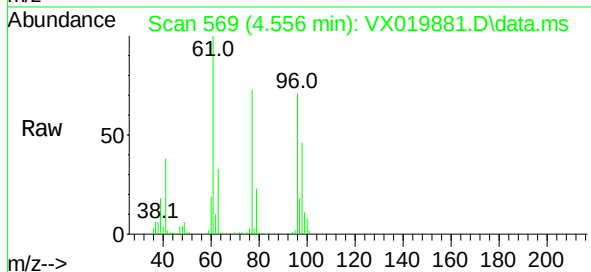
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#28

Bromochloromethane

Concen: 18.61 ug/l

RT: 4.977 min Scan# 638

Delta R.T. 0.006 min

Lab File: VX019881.D

Acq: 11 Dec 2020 17:41

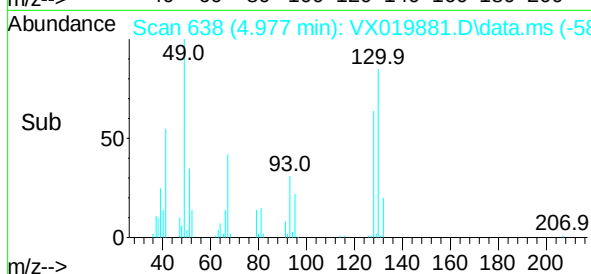
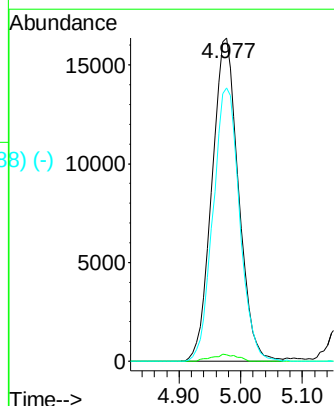
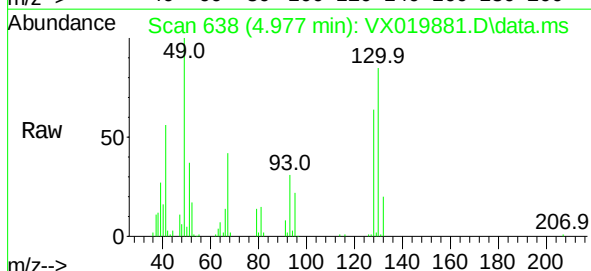
Tgt Ion: 49 Resp: 48868

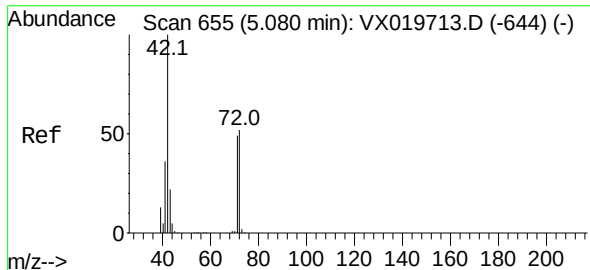
Ion Ratio Lower Upper

49 100

129 1.9 0.0 4.0

130 84.6 68.2 102.2





#29

Tetrahydrofuran

Concen: 95.54 ug/l

RT: 5.080 min Scan# 655

Delta R.T. -0.000 min

Lab File: VX019881.D

Acq: 11 Dec 2020 17:41

Tgt Ion: 42 Resp: 136459

Ion Ratio Lower Upper

42 100

72 51.0 41.7 62.5

71 48.0 38.4 57.6

Instrument :

MSVOA\_X

ClientSampleId :

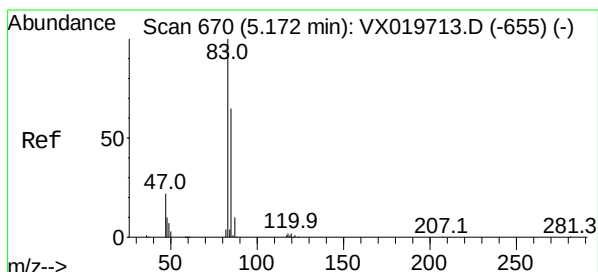
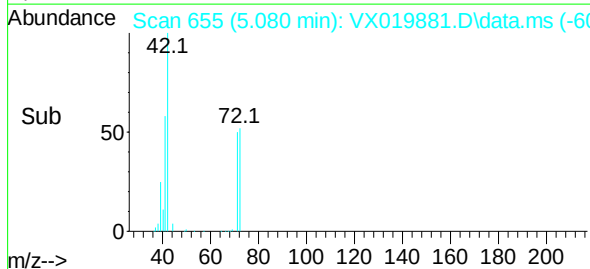
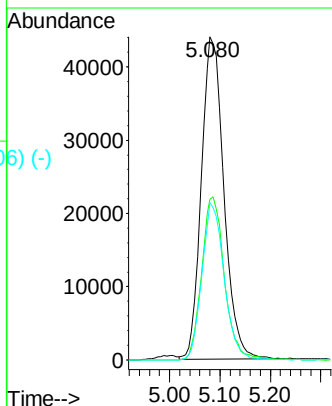
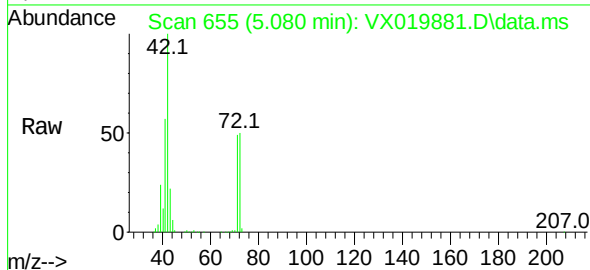
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#30

Chloroform

Concen: 19.11 ug/l

RT: 5.172 min Scan# 670

Delta R.T. -0.000 min

Lab File: VX019881.D

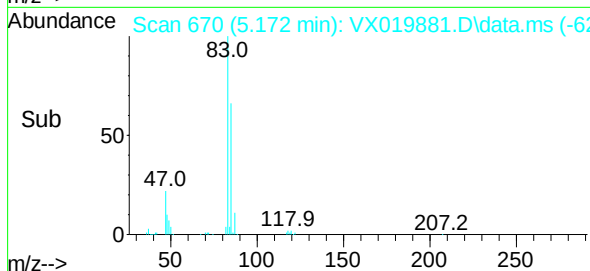
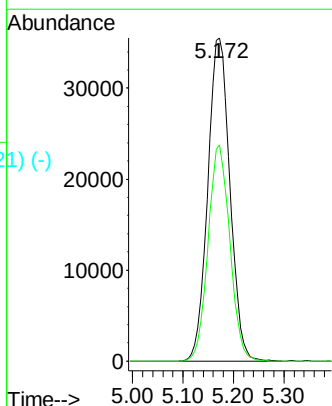
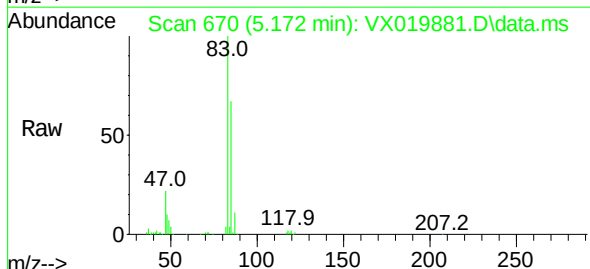
Acq: 11 Dec 2020 17:41

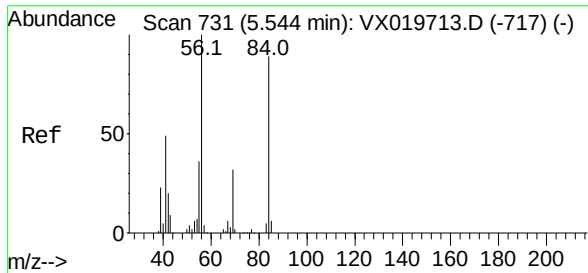
Tgt Ion: 83 Resp: 108260

Ion Ratio Lower Upper

83 100

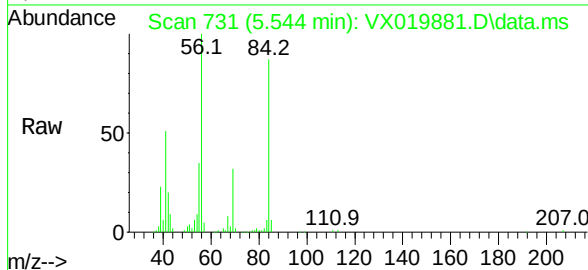
85 67.0 52.0 78.0





#31  
Cyclohexane  
Concen: 18.23 ug/l  
RT: 5.544 min Scan# 731  
Delta R.T. -0.000 min  
Lab File: VX019881.D  
Acq: 11 Dec 2020 17:41

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1211WBS02



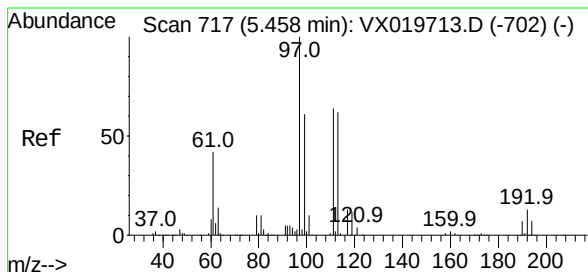
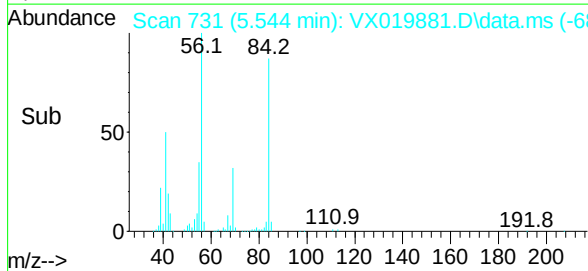
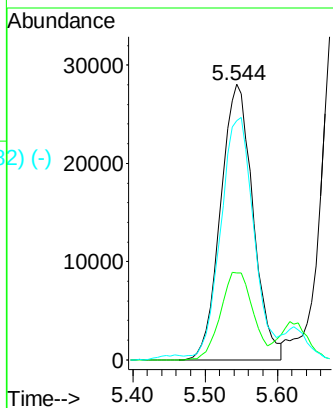
Tgt Ion: 56 Resp: 87044

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 56  | 100   |       |       |
| 69  | 31.7  | 25.3  | 37.9  |
| 84  | 85.1  | 71.4  | 107.0 |

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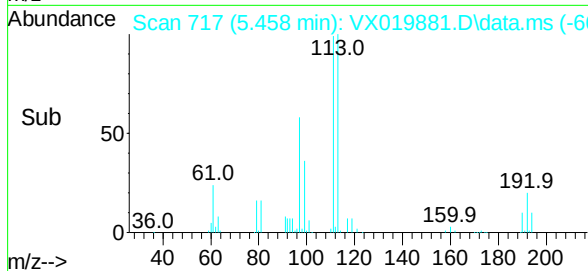
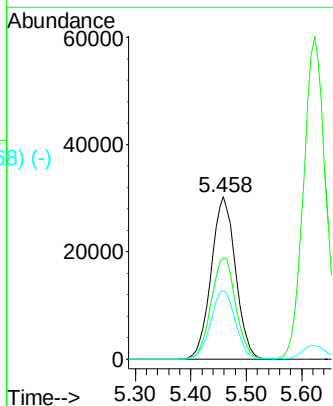
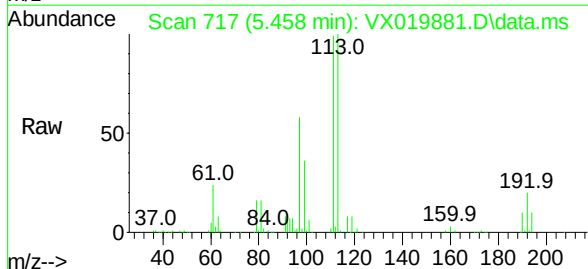
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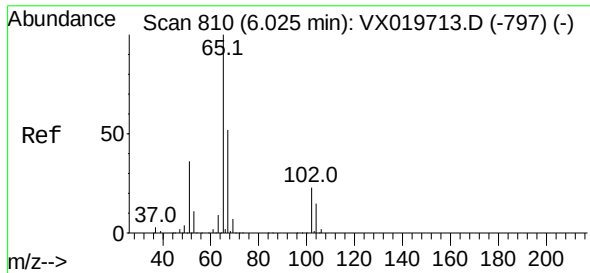


#32  
1,1,1-Trichloroethane  
Concen: 18.86 ug/l  
RT: 5.458 min Scan# 717  
Delta R.T. -0.000 min  
Lab File: VX019881.D  
Acq: 11 Dec 2020 17:41

Tgt Ion: 97 Resp: 92037

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 99  | 63.1  | 51.5  | 77.3  |
| 61  | 42.8  | 34.2  | 51.4  |





#33  
1,2-Dichloroethane-d4  
Concen: 46.67 ug/l  
RT: 6.025 min Scan# 810  
Delta R.T. -0.000 min  
Lab File: VX019881.D  
Acq: 11 Dec 2020 17:41

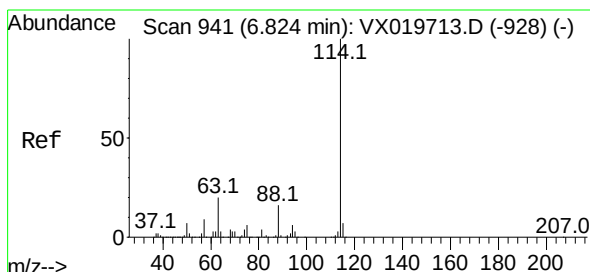
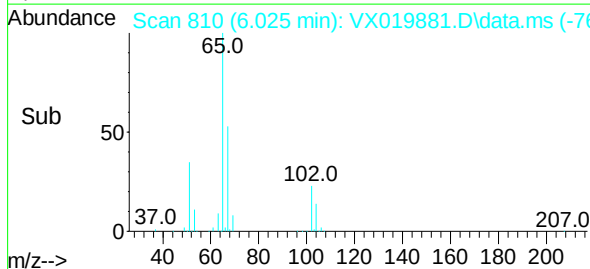
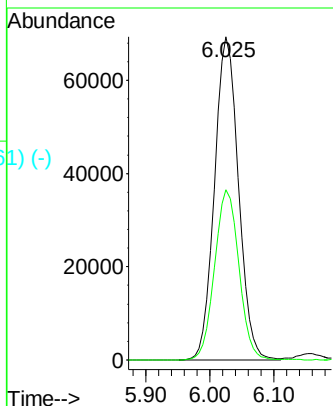
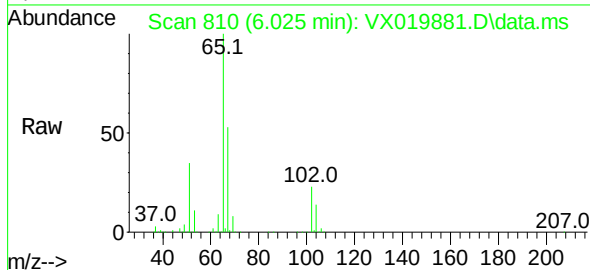
Tgt Ion: 65 Resp: 179124  
Ion Ratio Lower Upper  
65 100  
67 53.5 0.0 105.4

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1211WBS02

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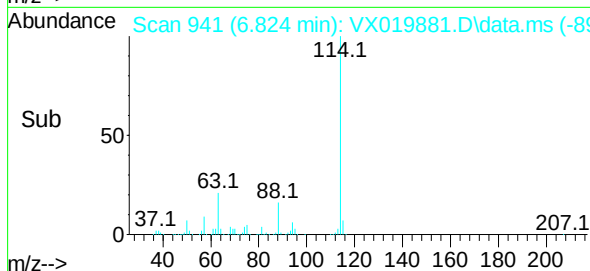
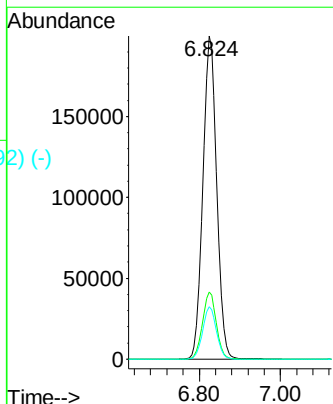
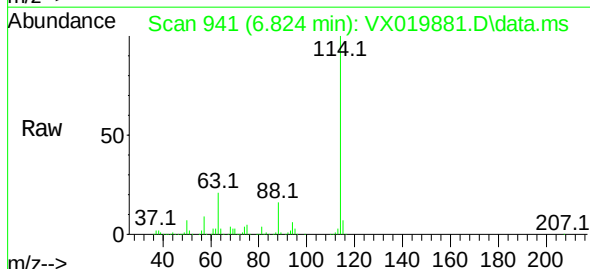
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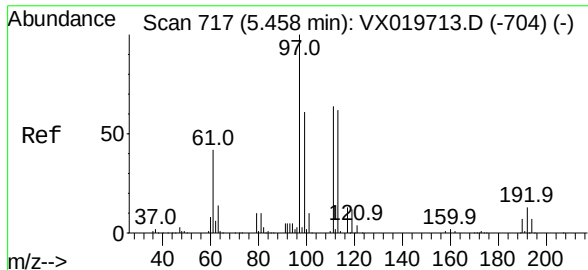
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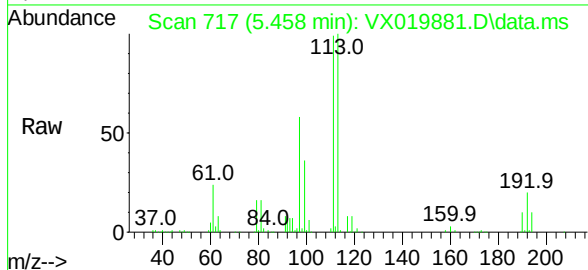
#34  
1,4-Difluorobenzene  
Concen: 50.00 ug/l  
RT: 6.824 min Scan# 941  
Delta R.T. -0.000 min  
Lab File: VX019881.D  
Acq: 11 Dec 2020 17:41

Tgt Ion:114 Resp: 471887  
Ion Ratio Lower Upper  
114 100  
63 20.7 0.0 40.8  
88 16.2 0.0 32.8

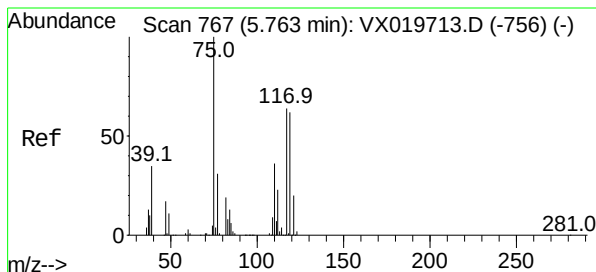
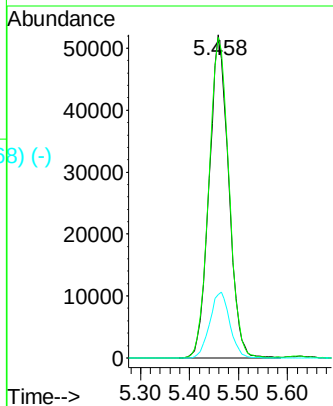
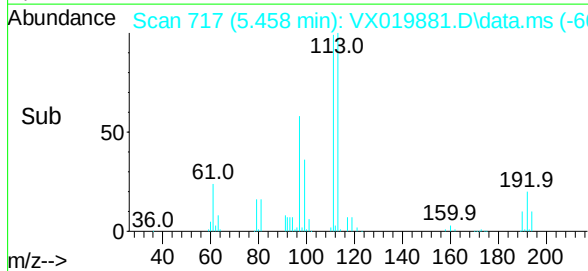




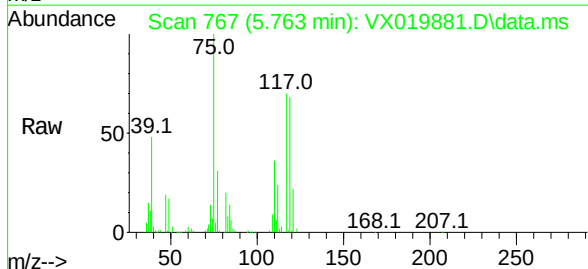
#35  
Dibromofluoromethane  
Concen: 47.32 ug/l  
RT: 5.458 min Scan# 717  
Delta R.T. -0.000 min  
Lab File: VX019881.D  
Acq: 11 Dec 2020 17:41



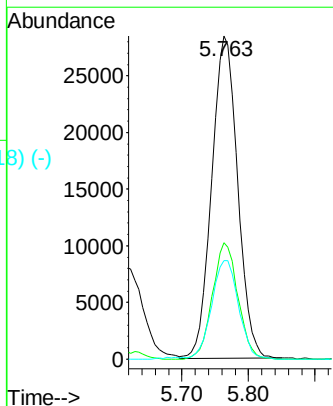
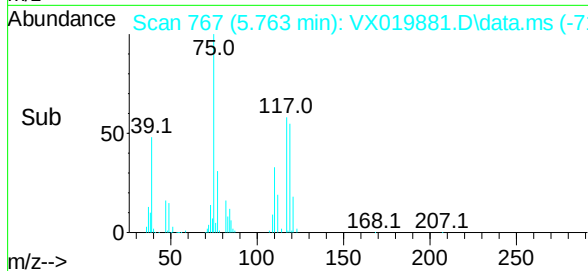
Tgt Ion:113 Resp: 144301  
Ion Ratio Lower Upper  
113 100  
111 101.9 81.9 122.9  
192 20.8 16.7 25.1



#36  
1,1-Dichloropropene  
Concen: 18.09 ug/l  
RT: 5.763 min Scan# 767  
Delta R.T. -0.000 min  
Lab File: VX019881.D  
Acq: 11 Dec 2020 17:41



Tgt Ion: 75 Resp: 77129  
Ion Ratio Lower Upper  
75 100  
110 35.3 18.1 54.4  
77 31.7 25.3 37.9

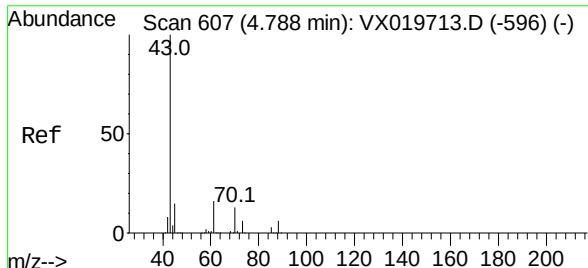


Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1211WBS02

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#37  
Ethyl Acetate  
Concen: 19.07 ug/l  
RT: 4.788 min Scan# 607  
Delta R.T. -0.000 min  
Lab File: VX019881.D  
Acq: 11 Dec 2020 17:41

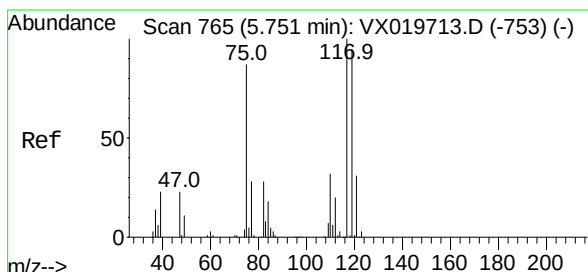
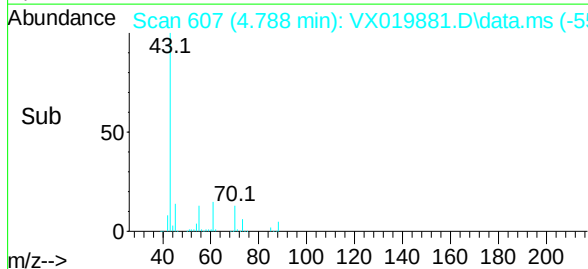
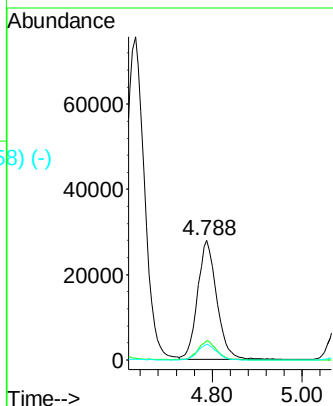
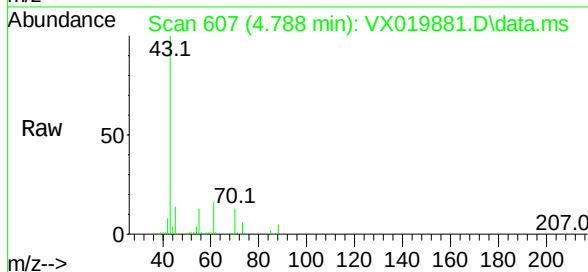
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1211WBS02

Tgt Ion: 43 Resp: 82096  
Ion Ratio Lower Upper  
43 100  
61 15.6 12.8 19.2  
70 12.9 10.5 15.7

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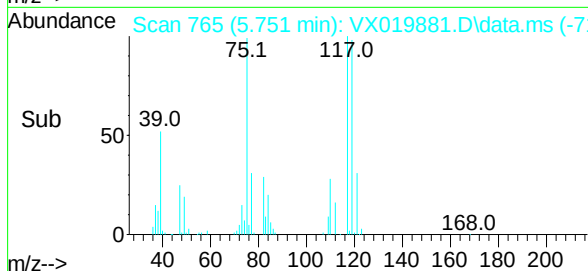
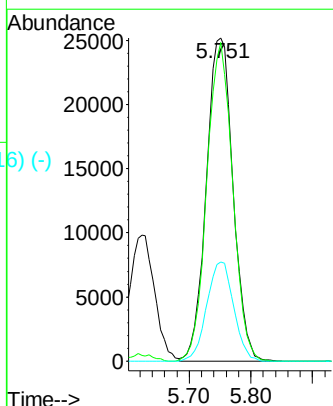
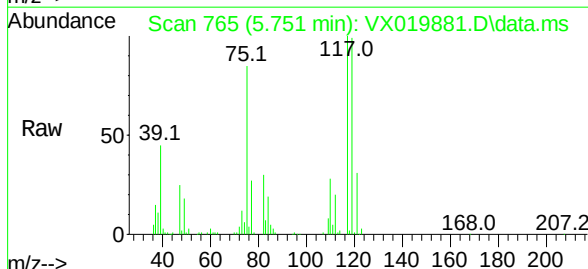
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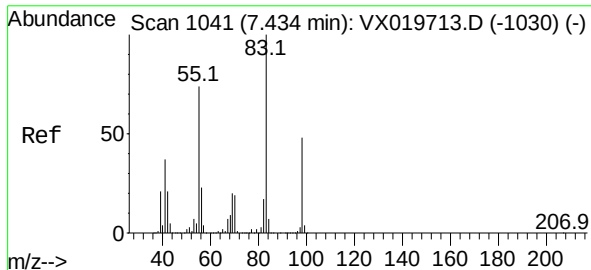
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#38  
Carbon Tetrachloride  
Concen: 18.15 ug/l  
RT: 5.751 min Scan# 765  
Delta R.T. -0.000 min  
Lab File: VX019881.D  
Acq: 11 Dec 2020 17:41

Tgt Ion:117 Resp: 75784  
Ion Ratio Lower Upper  
117 100  
119 98.7 76.2 114.2  
121 30.7 24.8 37.2





#39  
Methylcyclohexane  
Concen: 18.15 ug/l  
RT: 7.434 min Scan# 1041  
Delta R.T. -0.000 min  
Lab File: VX019881.D  
Acq: 11 Dec 2020 17:41

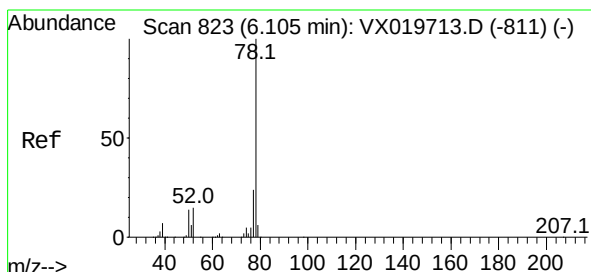
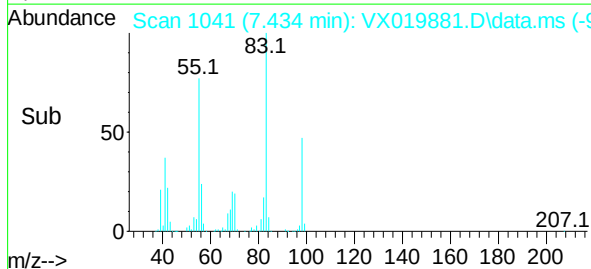
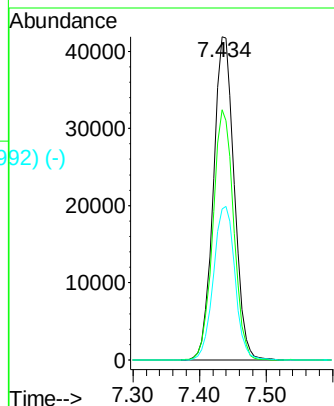
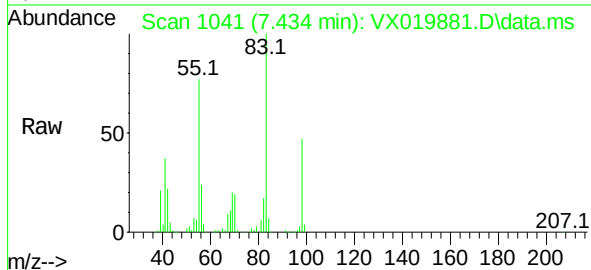
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 83    | Resp: | 90929 |
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 55       | 77.5  | 58.9  | 88.3  |
| 98       | 46.7  | 38.1  | 57.1  |

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1211WBS02

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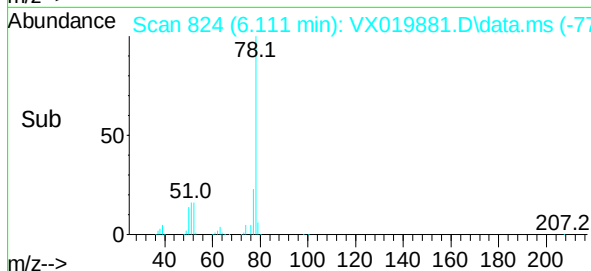
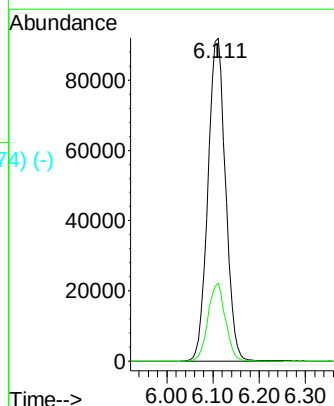
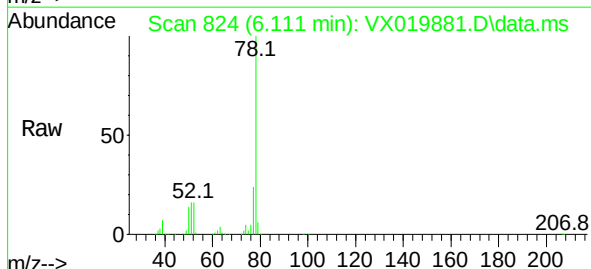
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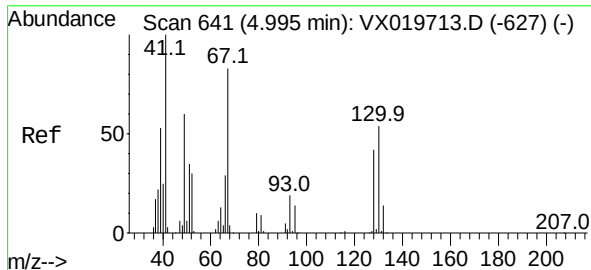


#40  
Benzene  
Concen: 18.69 ug/l  
RT: 6.111 min Scan# 824  
Delta R.T. 0.006 min  
Lab File: VX019881.D  
Acq: 11 Dec 2020 17:41

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 78    | Resp: | 243392 |
| Ion      | Ratio | Lower | Upper  |
| 78       | 100   |       |        |
| 77       | 24.1  | 18.9  | 28.3   |







#41  
Methacrylonitrile  
Concen: 18.73 ug/l  
RT: 4.995 min Scan# 641  
Delta R.T. -0.000 min  
Lab File: VX019881.D  
Acq: 11 Dec 2020 17:41

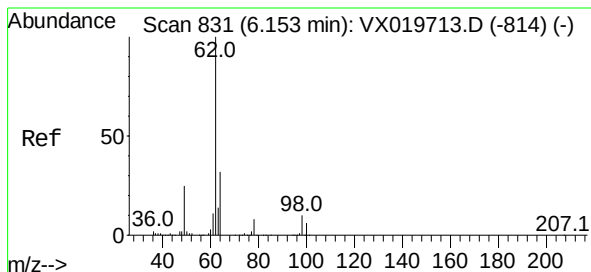
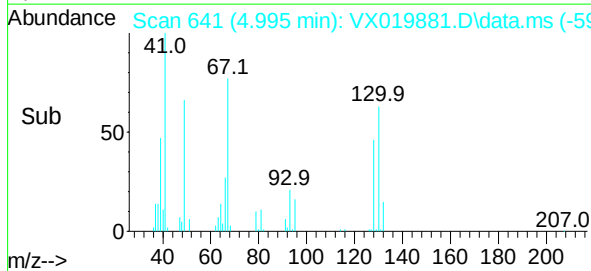
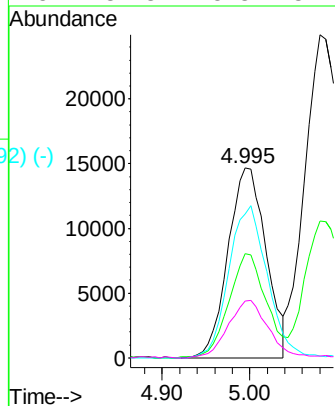
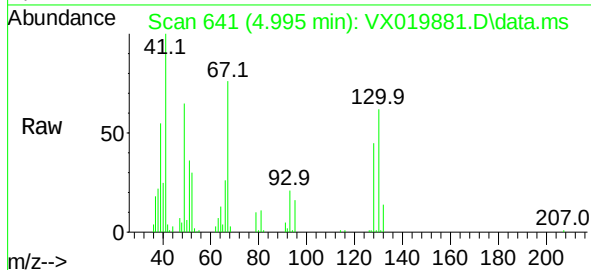
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1211WBS02

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 44278 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 54.7  | 42.5  | 63.7  |
| 67       | 81.8  | 65.0  | 97.6  |
| 52       | 32.3  | 25.3  | 37.9  |

Manual Integrations  
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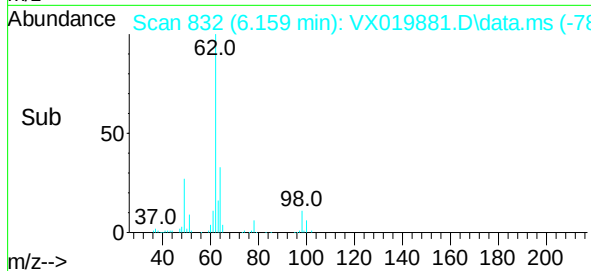
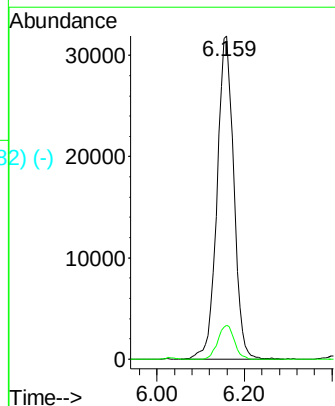
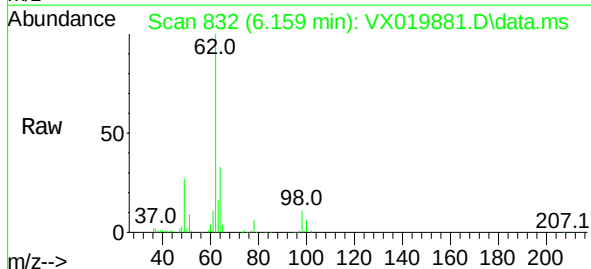
MMDadoda

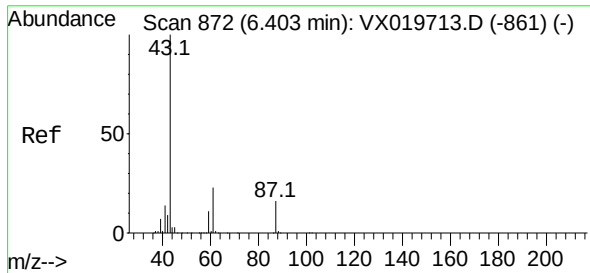
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#42  
1,2-Dichloroethane  
Concen: 19.03 ug/l  
RT: 6.159 min Scan# 832  
Delta R.T. 0.006 min  
Lab File: VX019881.D  
Acq: 11 Dec 2020 17:41

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 62    | Resp: | 84705 |
| Ion      | Ratio | Lower | Upper |
| 62       | 100   |       |       |
| 98       | 10.2  | 0.0   | 20.2  |





#43

Isopropyl Acetate

Concen: 18.56 ug/l

RT: 6.409 min Scan# 873

Delta R.T. 0.006 min

Lab File: VX019881.D

Acq: 11 Dec 2020 17:41

Tgt Ion: 43 Resp: 129887

Ion Ratio Lower Upper

43 100

61 22.7 18.2 27.4

87 15.5 12.5 18.7

Instrument :

MSVOA\_X

ClientSampleId :

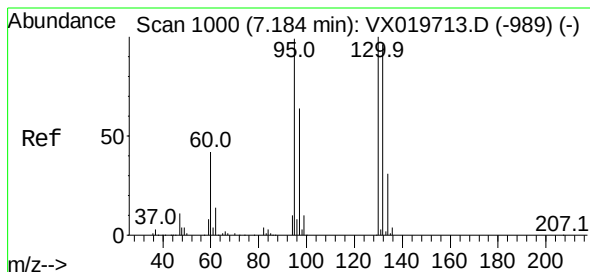
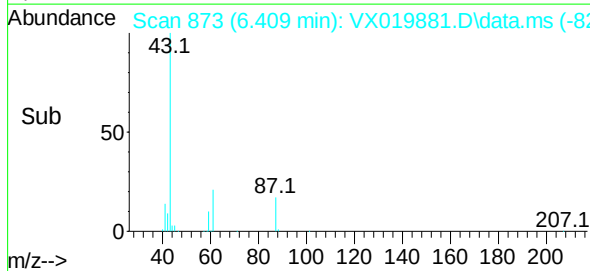
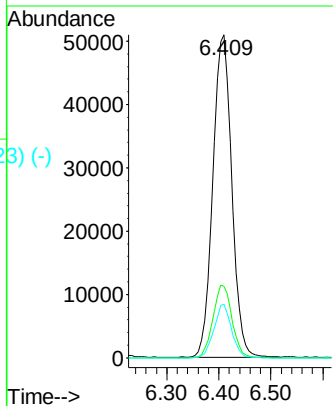
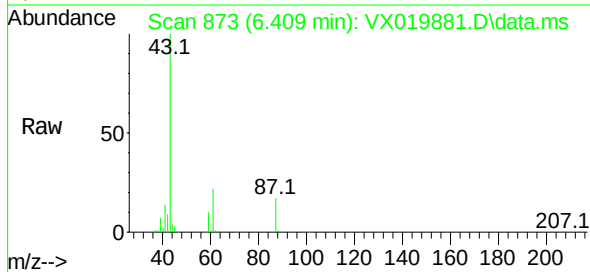
VX1211WBS02

Manual Integrations

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#44

Trichloroethene

Concen: 18.21 ug/l

RT: 7.184 min Scan# 1000

Delta R.T. -0.000 min

Lab File: VX019881.D

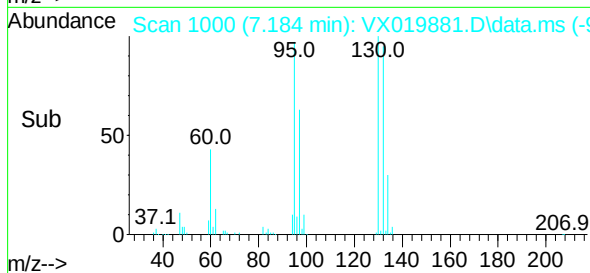
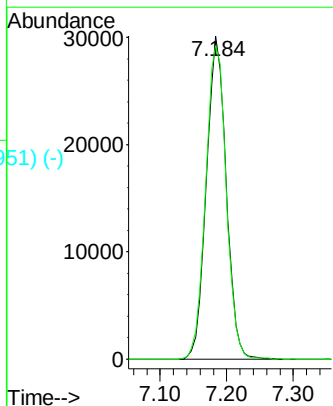
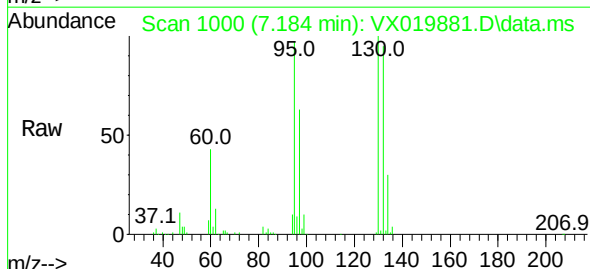
Acq: 11 Dec 2020 17:41

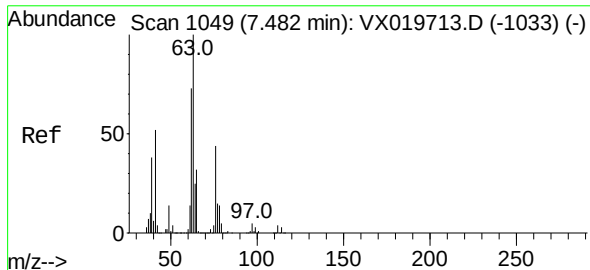
Tgt Ion:130 Resp: 62251

Ion Ratio Lower Upper

130 100

95 97.0 0.0 198.0





#45  
1,2-Dichloropropane  
Concen: 18.91 ug/l  
RT: 7.488 min Scan# 1050  
Delta R.T. 0.006 min  
Lab File: VX019881.D  
Acq: 11 Dec 2020 17:41

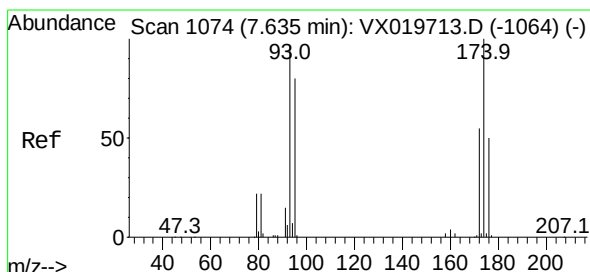
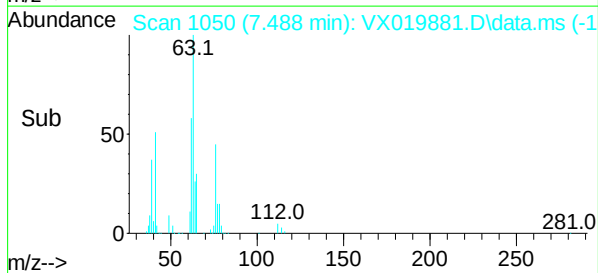
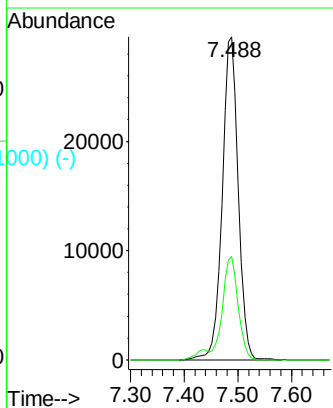
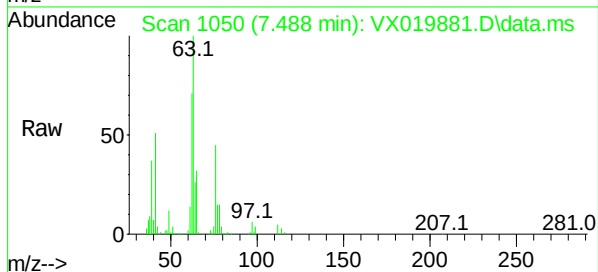
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1211WBS02

Tgt Ion: 63 Resp: 61547  
Ion Ratio Lower Upper  
63 100  
65 32.2 25.7 38.5

Manual Integrations  
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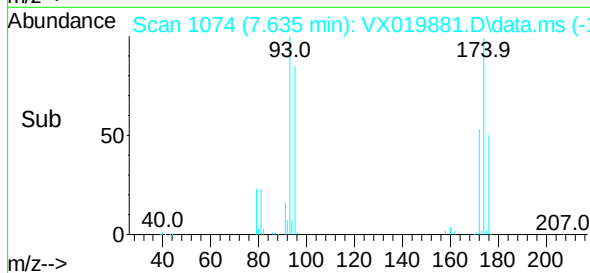
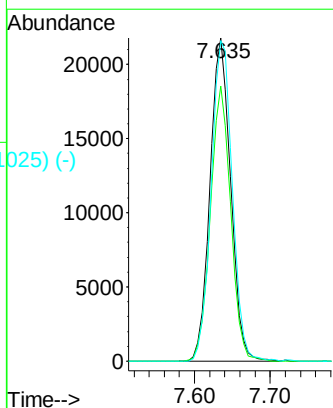
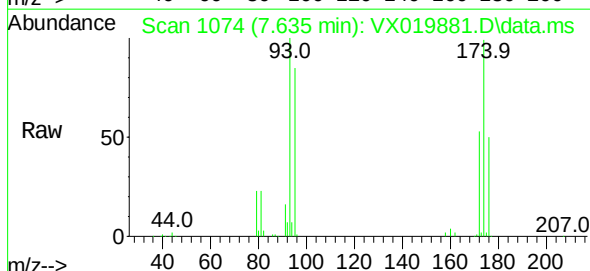
MMDadoda

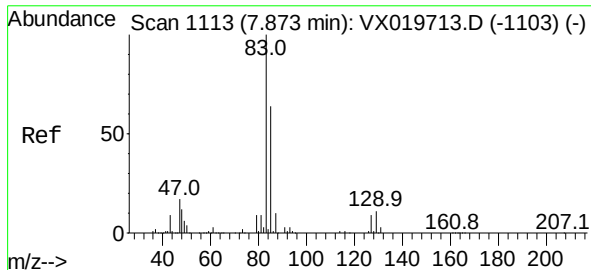
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#46  
Dibromomethane  
Concen: 18.80 ug/l  
RT: 7.635 min Scan# 1074  
Delta R.T. -0.000 min  
Lab File: VX019881.D  
Acq: 11 Dec 2020 17:41

Tgt Ion: 93 Resp: 41329  
Ion Ratio Lower Upper  
93 100  
95 83.6 66.8 100.2  
174 101.1 83.1 124.7





#47  
Bromodichloromethane  
Concen: 18.48 ug/l  
RT: 7.872 min Scan# 1113  
Delta R.T. -0.000 min  
Lab File: VX019881.D  
Acq: 11 Dec 2020 17:41

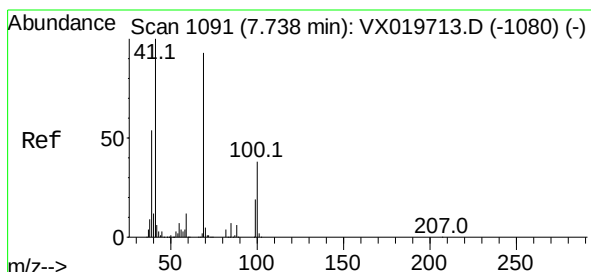
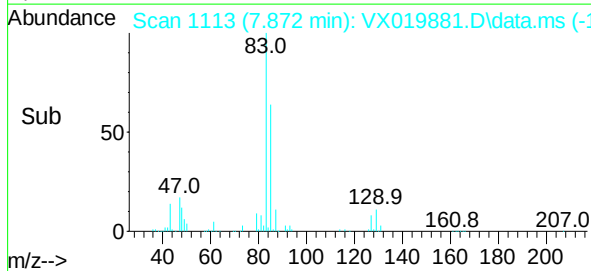
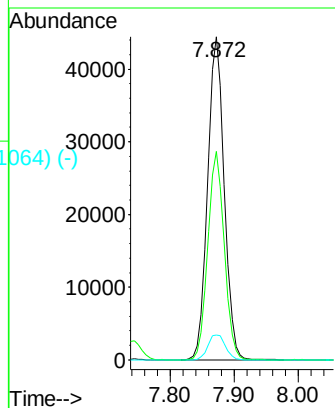
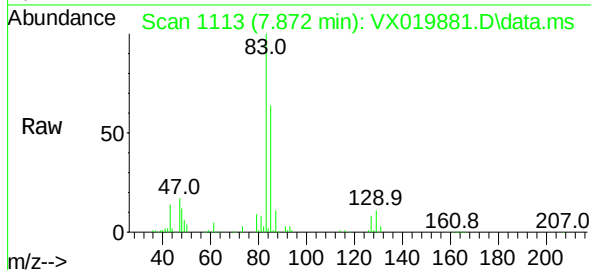
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 83    | Resp: | 80612 |
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 85       | 64.5  | 51.4  | 77.0  |
| 127      | 7.7   | 6.8   | 10.2  |

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1211WBS02

Manual Integrations  
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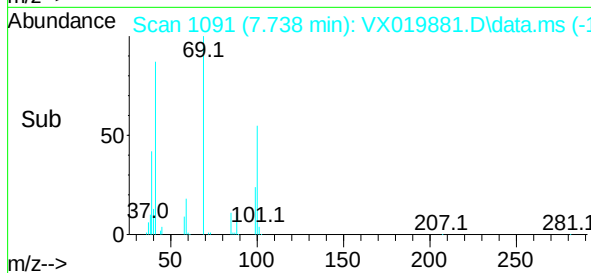
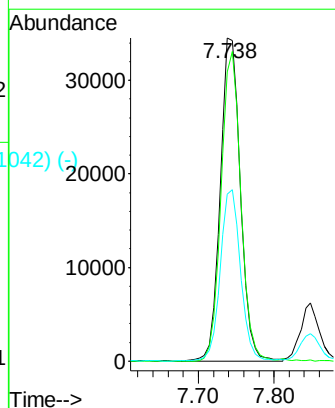
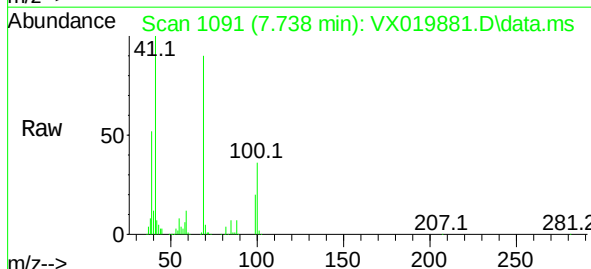
MMDadoda

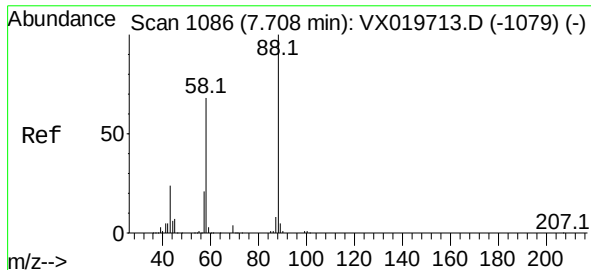
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#48  
Methyl methacrylate  
Concen: 18.49 ug/l  
RT: 7.738 min Scan# 1091  
Delta R.T. -0.000 min  
Lab File: VX019881.D  
Acq: 11 Dec 2020 17:41

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 63635 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 69       | 93.8  | 76.0  | 114.0 |
| 39       | 53.7  | 44.6  | 67.0  |





#49  
1,4-Dioxane  
Concen: 378.33 ug/l  
RT: 7.708 min Scan# 1086  
Delta R.T. -0.000 min  
Lab File: VX019881.D  
Acq: 11 Dec 2020 17:41

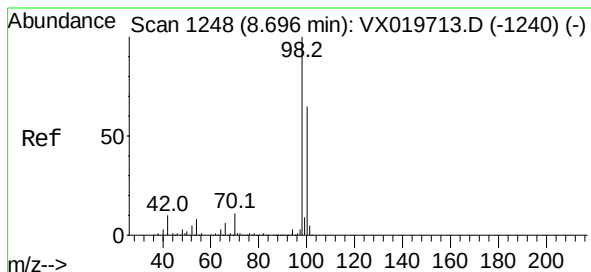
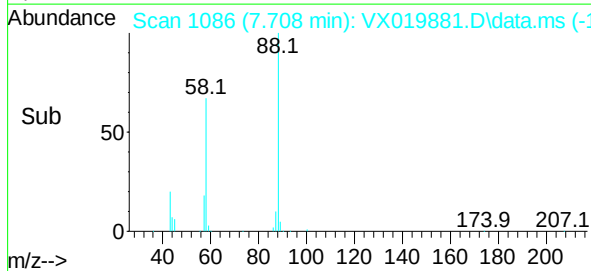
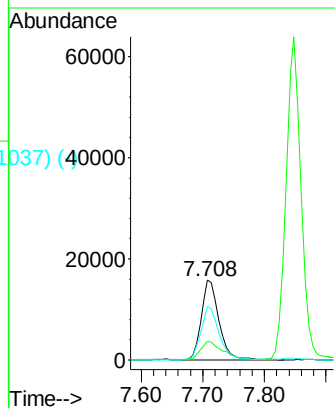
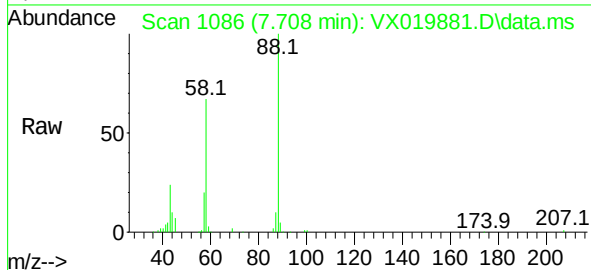
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 88    | Resp: | 31550 |
| Ion      | Ratio | Lower | Upper |
| 88       | 100   |       |       |
| 43       | 29.7  | 23.2  | 34.8  |
| 58       | 69.7  | 55.0  | 82.4  |

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1211WBS02

Manual Integrations  
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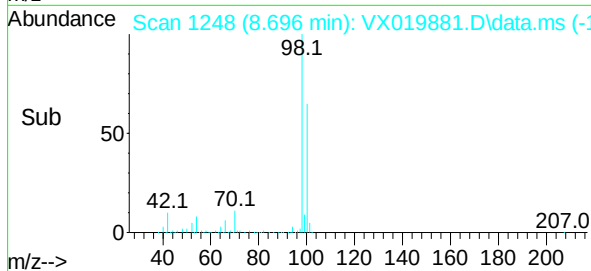
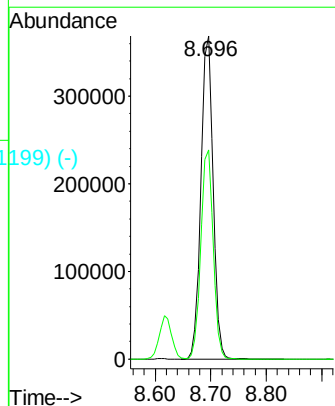
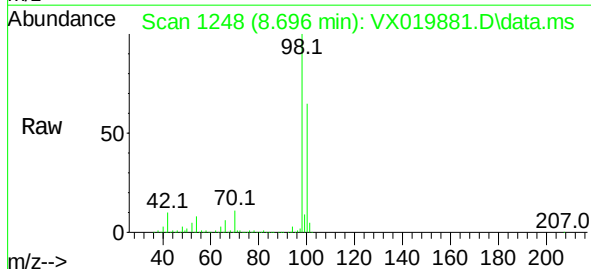
MMDadoda

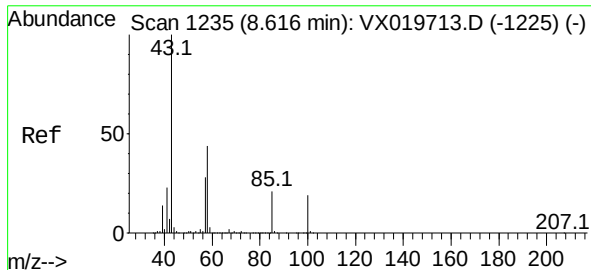
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#50  
Toluene-d8  
Concen: 48.21 ug/l  
RT: 8.696 min Scan# 1248  
Delta R.T. -0.000 min  
Lab File: VX019881.D  
Acq: 11 Dec 2020 17:41

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 98    | Resp: | 561264 |
| Ion      | Ratio | Lower | Upper  |
| 98       | 100   |       |        |
| 100      | 65.7  | 51.9  | 77.9   |





#51  
4-Methyl-2-Pentanone  
Concen: 97.23 ug/l  
RT: 8.616 min Scan# 1235  
Delta R.T. -0.000 min  
Lab File: VX019881.D  
Acq: 11 Dec 2020 17:41

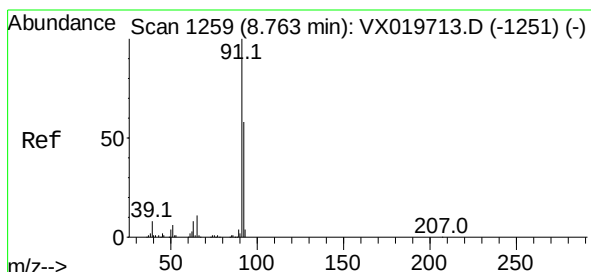
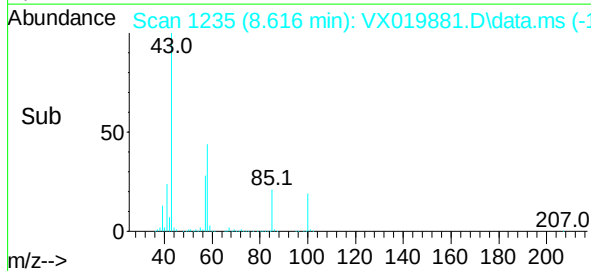
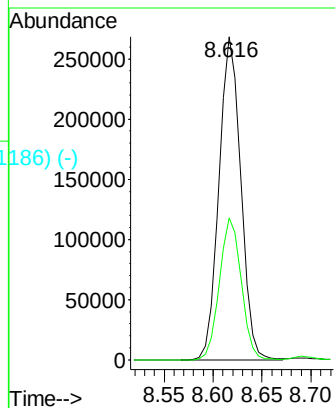
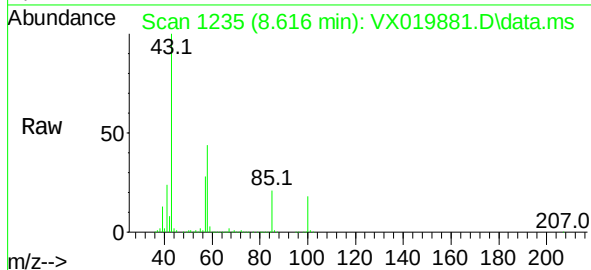
Tgt Ion: 43 Resp: 415512  
Ion Ratio Lower Upper  
43 100  
58 43.9 35.4 53.0

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1211WBS02

Manual Integrations  
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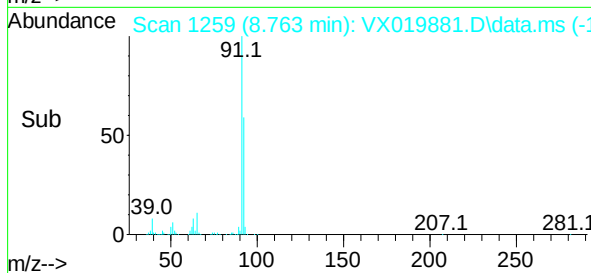
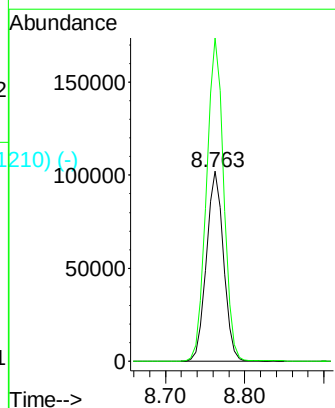
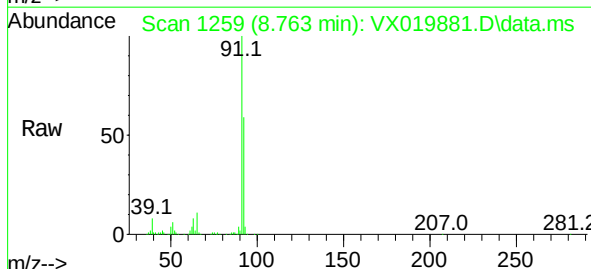
MMDadoda

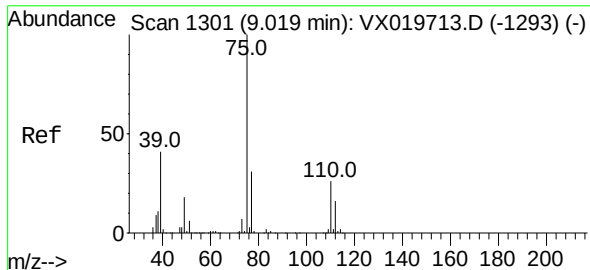
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#52  
Toluene  
Concen: 18.75 ug/l  
RT: 8.763 min Scan# 1259  
Delta R.T. -0.000 min  
Lab File: VX019881.D  
Acq: 11 Dec 2020 17:41

Tgt Ion: 92 Resp: 152726  
Ion Ratio Lower Upper  
92 100  
91 171.0 137.1 205.7





#53  
t-1,3-Dichloropropene  
Concen: 17.83 ug/l  
RT: 9.019 min Scan# 1301  
Delta R.T. -0.000 min  
Lab File: VX019881.D  
Acq: 11 Dec 2020 17:41

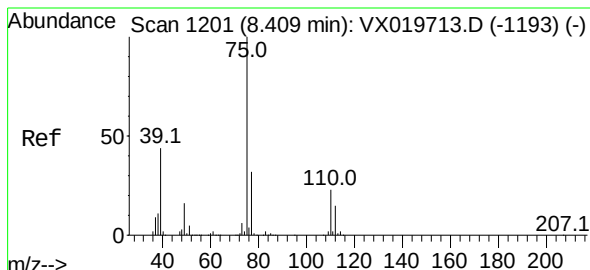
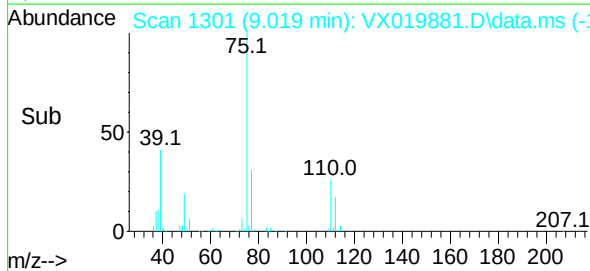
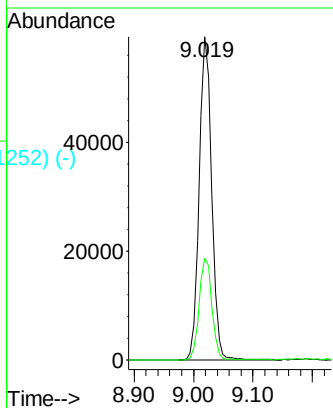
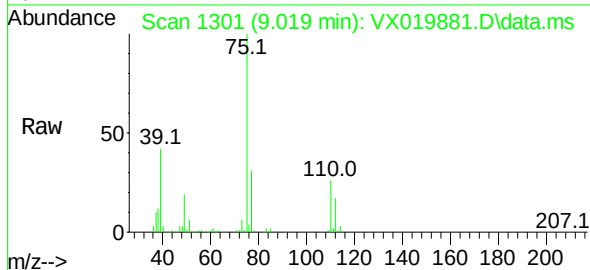
Tgt Ion: 75 Resp: 86292  
Ion Ratio Lower Upper  
75 100  
77 31.4 24.9 37.3

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1211WBS02

Manual Integrations  
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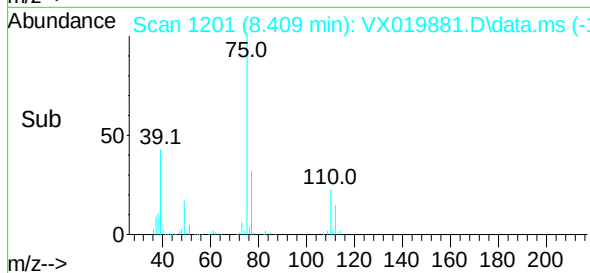
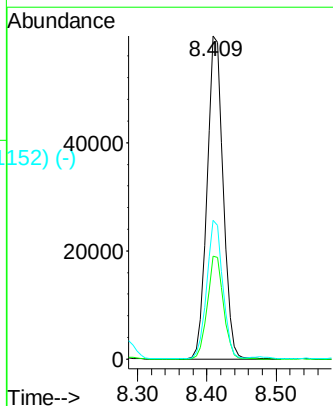
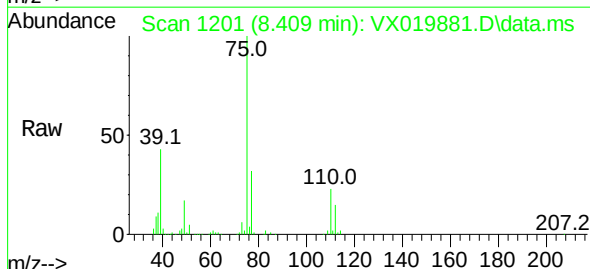
MMDadoda

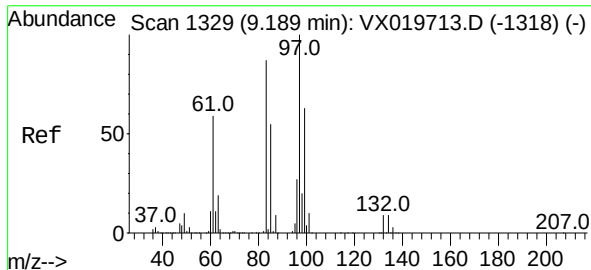
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#54  
cis-1,3-Dichloropropene  
Concen: 18.35 ug/l  
RT: 8.409 min Scan# 1201  
Delta R.T. -0.000 min  
Lab File: VX019881.D  
Acq: 11 Dec 2020 17:41

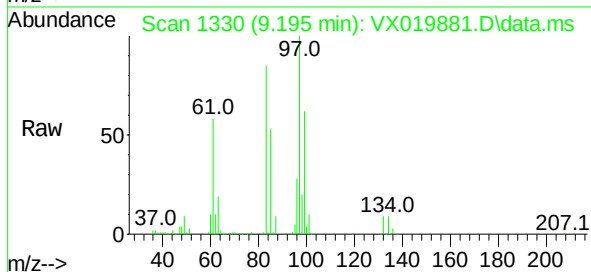
Tgt Ion: 75 Resp: 96520  
Ion Ratio Lower Upper  
75 100  
77 31.8 25.7 38.5  
39 42.9 35.1 52.7



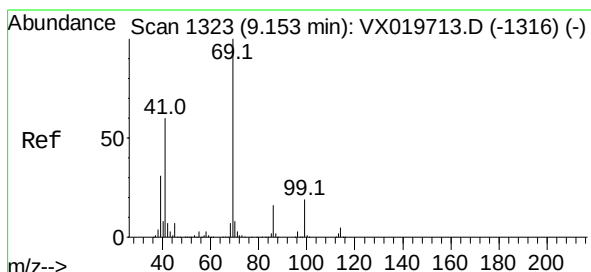
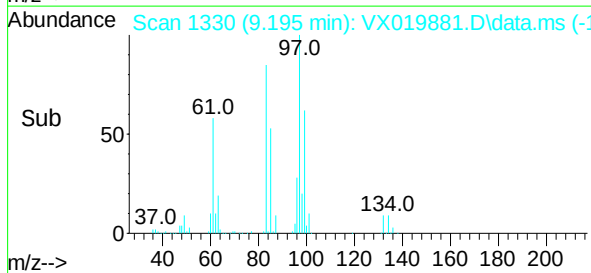
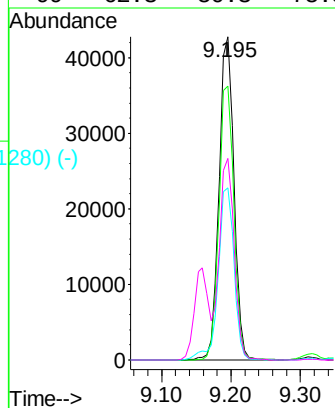


#55  
1,1,2-Trichloroethane  
Concen: 19.44 ug/l  
RT: 9.195 min Scan# 1330  
Delta R.T. 0.006 min  
Lab File: VX019881.D  
Acq: 11 Dec 2020 17:41

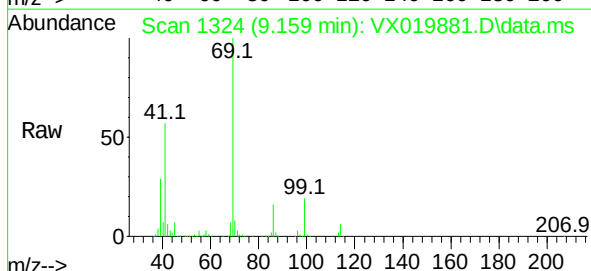
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1211WBS02



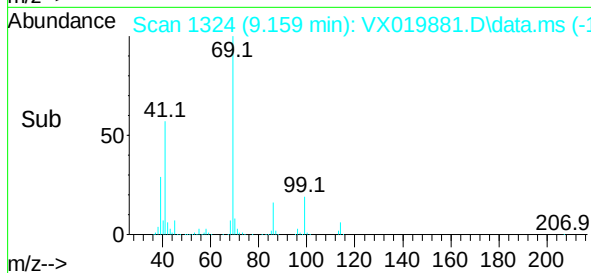
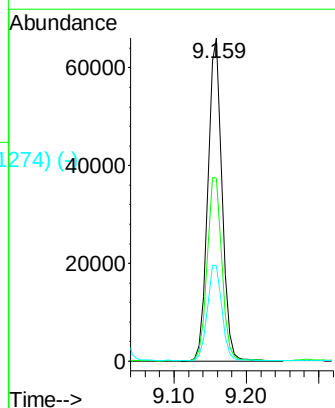
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 97      | 100   |       |       |
| 83      | 84.8  | 69.3  | 103.9 |
| 85      | 53.3  | 44.3  | 66.5  |
| 99      | 62.3  | 50.3  | 75.5  |



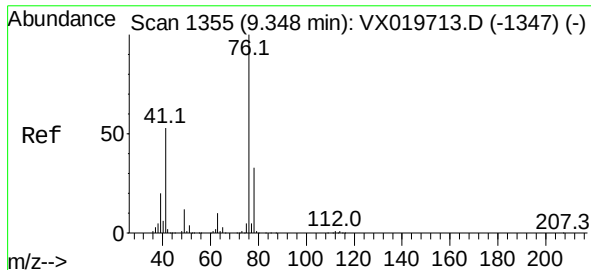
#56  
Ethyl methacrylate  
Concen: 18.46 ug/l  
RT: 9.159 min Scan# 1324  
Delta R.T. 0.006 min  
Lab File: VX019881.D  
Acq: 11 Dec 2020 17:41



| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 69      | 100   |       |       |
| 41      | 59.0  | 46.8  | 70.2  |
| 39      | 30.4  | 24.7  | 37.1  |







#57  
1,3-Dichloropropane  
Concen: 18.77 ug/l  
RT: 9.348 min Scan# 1355  
Delta R.T. -0.000 min  
Lab File: VX019881.D  
Acq: 11 Dec 2020 17:41

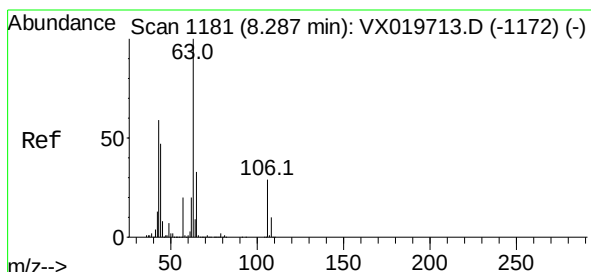
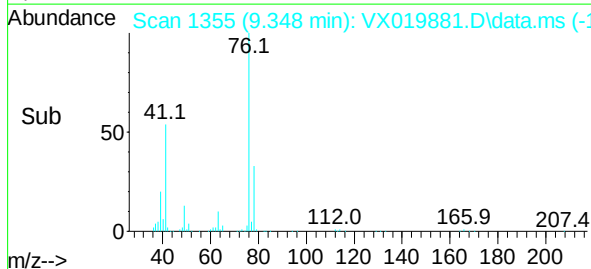
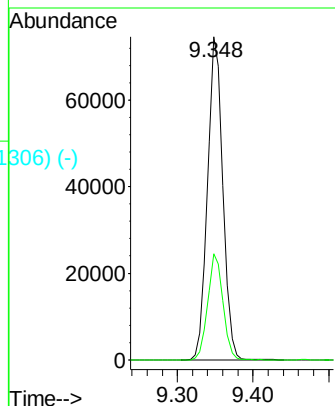
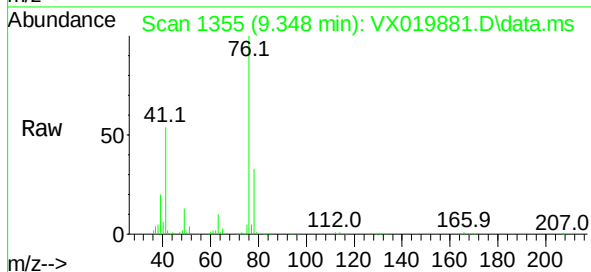
Tgt Ion: 76 Resp: 105208  
Ion Ratio Lower Upper  
76 100  
78 32.8 26.2 39.2

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1211WBS02

Manual Integrations  
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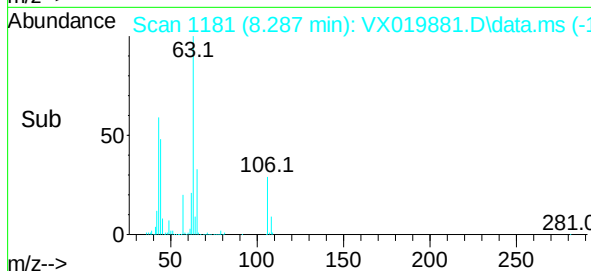
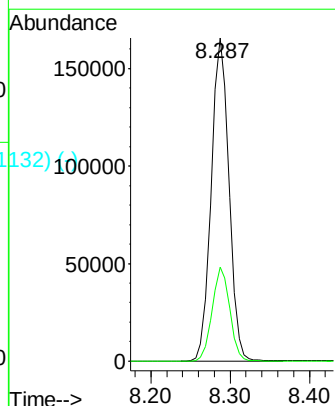
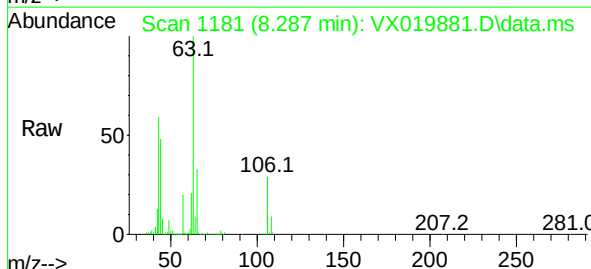
MMDadoda

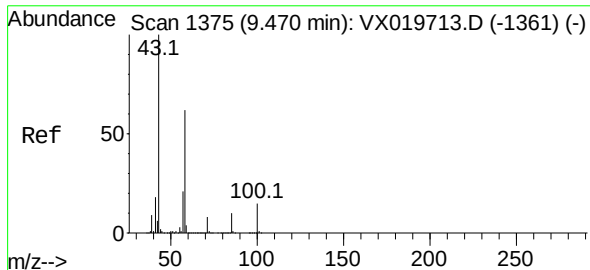
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#58  
2-Chloroethyl Vinyl ether  
Concen: 98.20 ug/l  
RT: 8.287 min Scan# 1181  
Delta R.T. -0.000 min  
Lab File: VX019881.D  
Acq: 11 Dec 2020 17:41

Tgt Ion: 63 Resp: 258394  
Ion Ratio Lower Upper  
63 100  
106 28.7 23.5 35.3





#59  
2-Hexanone  
Concen: 94.49 ug/l  
RT: 9.470 min Scan# 1375  
Delta R.T. -0.000 min  
Lab File: VX019881.D  
Acq: 11 Dec 2020 17:41

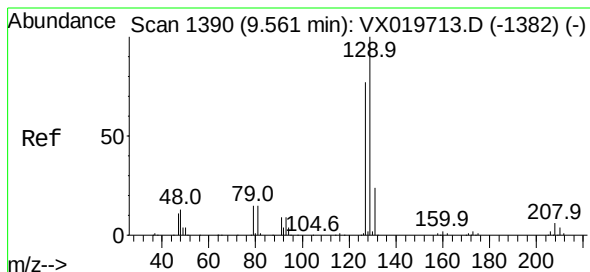
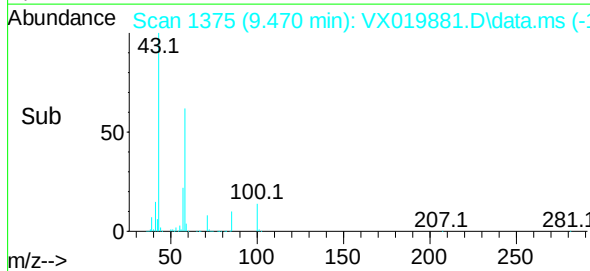
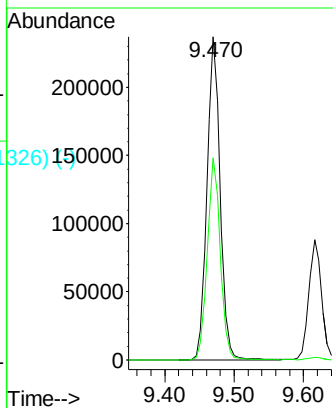
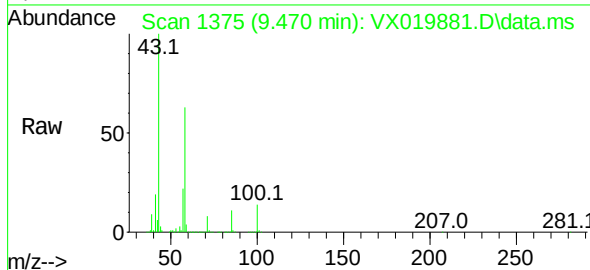
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1211WBS02

Tgt Ion: 43 Resp: 312987  
Ion Ratio Lower Upper  
43 100  
58 62.1 30.9 92.8

Manual Integrations  
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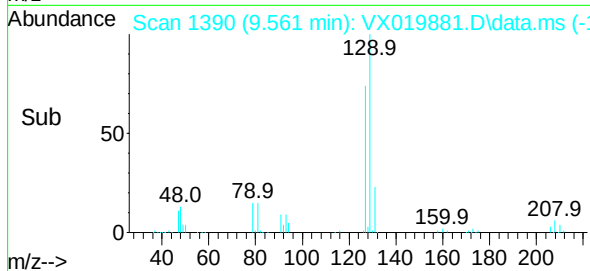
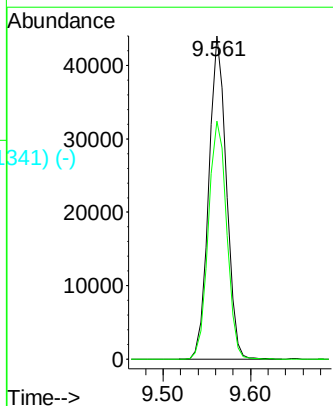
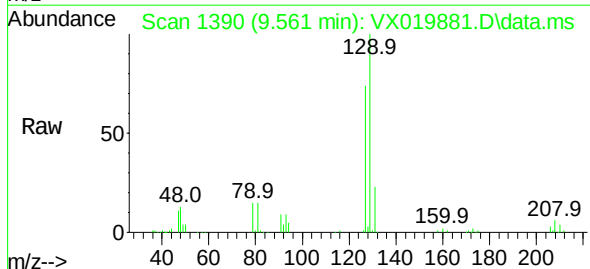
MMDadoda

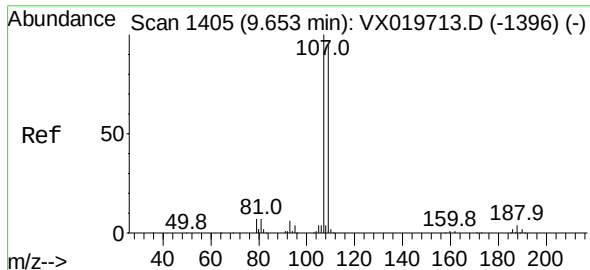
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#60  
Dibromochloromethane  
Concen: 18.39 ug/l  
RT: 9.561 min Scan# 1390  
Delta R.T. -0.000 min  
Lab File: VX019881.D  
Acq: 11 Dec 2020 17:41

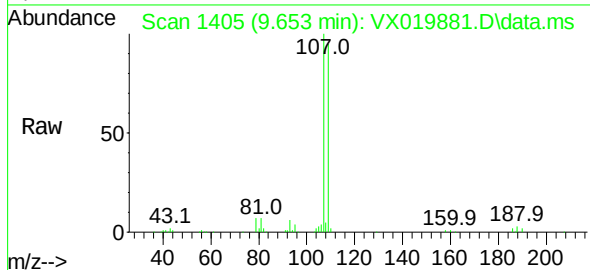
Tgt Ion:129 Resp: 61347  
Ion Ratio Lower Upper  
129 100  
127 76.8 38.4 115.2





#61  
1,2-Dibromoethane  
Concen: 18.67 ug/l  
RT: 9.653 min Scan# 1405  
Delta R.T. -0.000 min  
Lab File: VX019881.D  
Acq: 11 Dec 2020 17:41

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1211WBS02

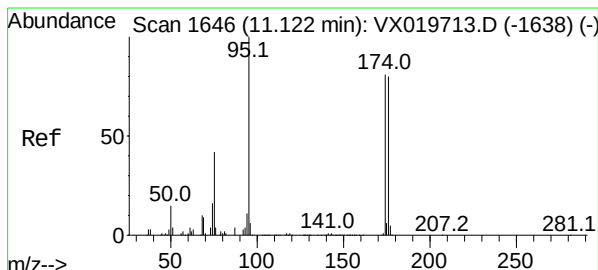
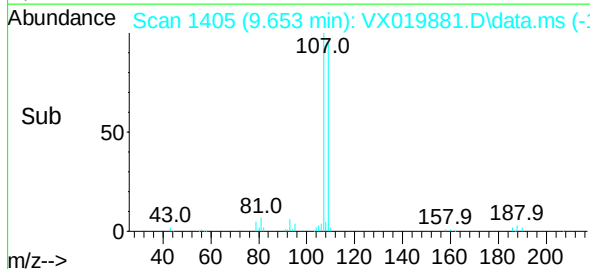
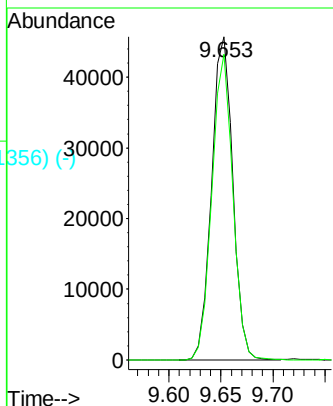


Tgt Ion:107 Resp: 65080  
Ion Ratio Lower Upper  
107 100  
109 93.4 75.8 113.6

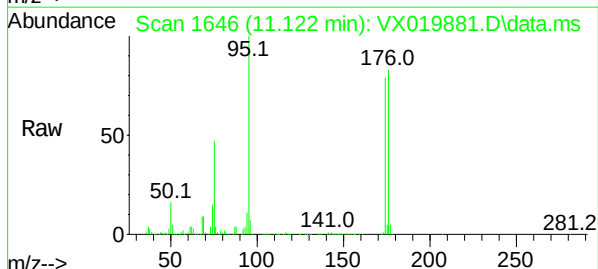
Manual Integrations  
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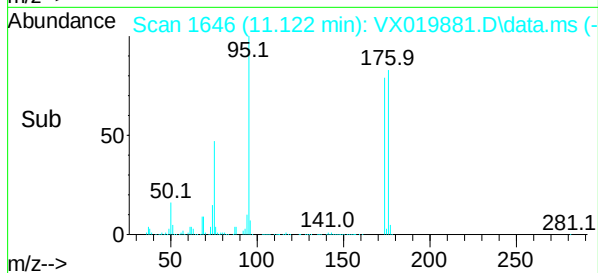
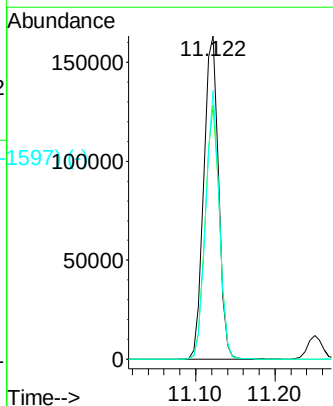
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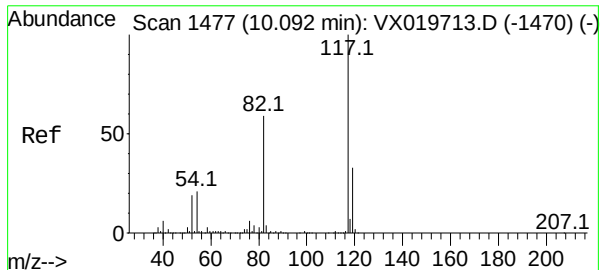


#62  
4-Bromofluorobenzene  
Concen: 47.44 ug/l  
RT: 11.122 min Scan# 1646  
Delta R.T. -0.000 min  
Lab File: VX019881.D  
Acq: 11 Dec 2020 17:41



Tgt Ion: 95 Resp: 210225  
Ion Ratio Lower Upper  
95 100  
174 76.3 0.0 154.6  
176 76.6 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: VX019881.D  
Acq: 11 Dec 2020 17:41

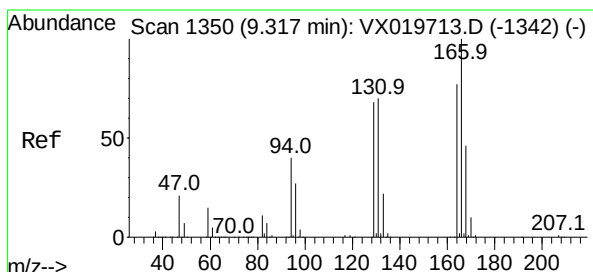
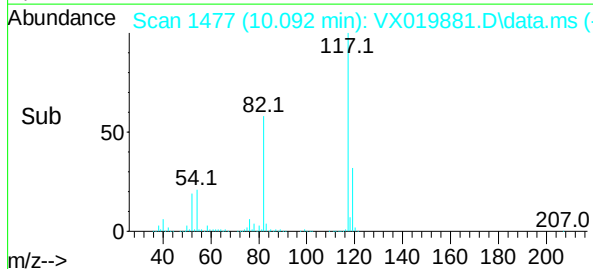
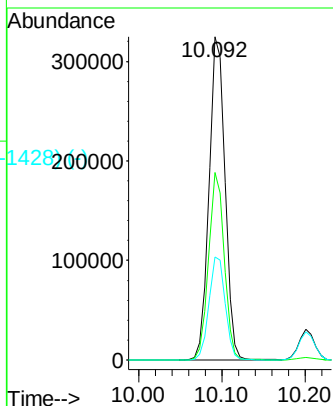
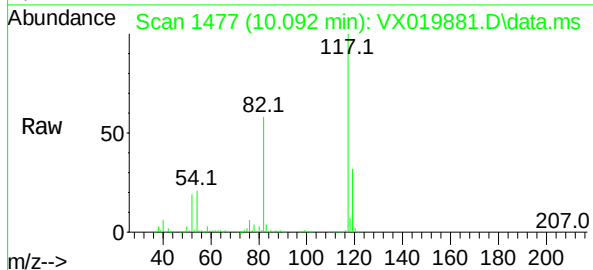
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 82      | 58.0  | 47.4  | 71.2  |
| 119     | 31.8  | 26.6  | 39.8  |

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1211WBS02

Manual Integrations  
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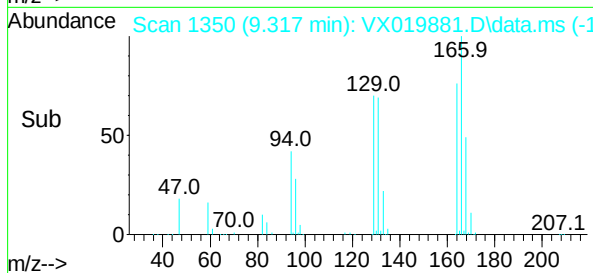
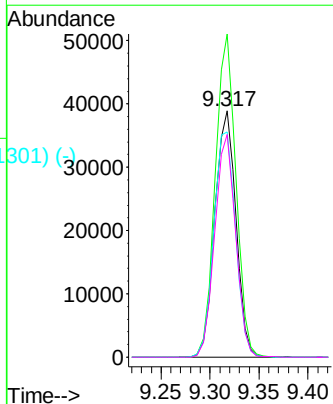
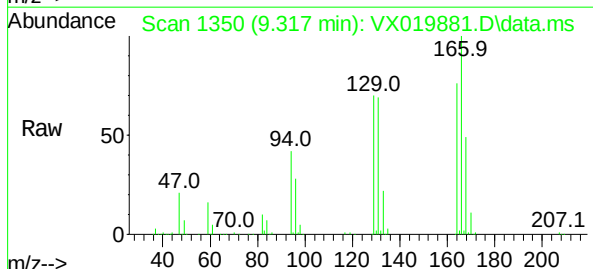
MMDadoda

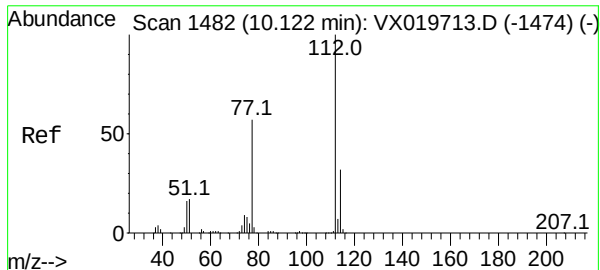
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#64  
Tetrachloroethene  
Concen: 20.14 ug/l  
RT: 9.317 min Scan# 1350  
Delta R.T. -0.000 min  
Lab File: VX019881.D  
Acq: 11 Dec 2020 17:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 166     | 131.2 | 103.4 | 155.2 |
| 129     | 91.5  | 70.8  | 106.2 |
| 131     | 90.3  | 72.5  | 108.7 |





#65  
Chlorobenzene  
Concen: 18.78 ug/l  
RT: 10.122 min Scan# 1482  
Delta R.T. -0.000 min  
Lab File: VX019881.D  
Acq: 11 Dec 2020 17:41

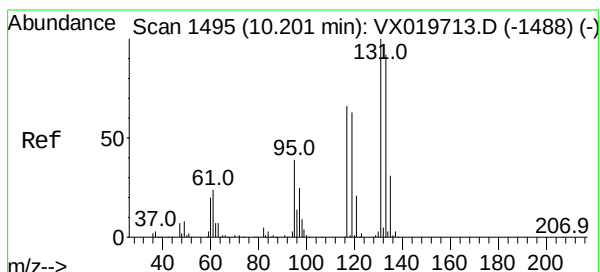
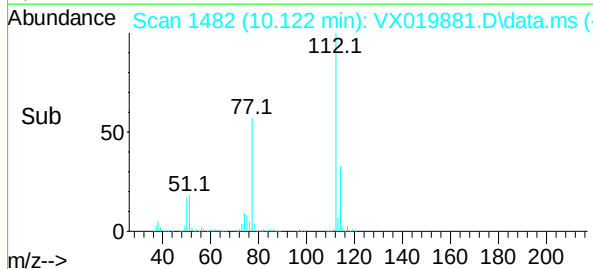
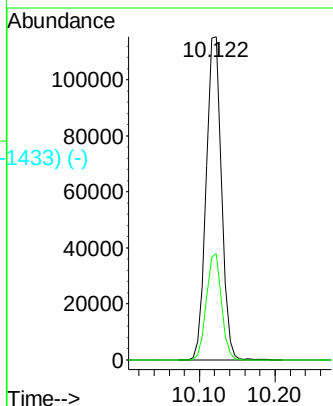
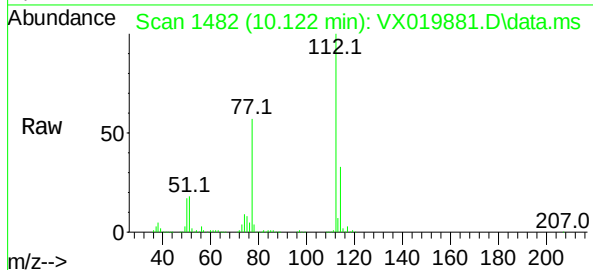
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1211WBS02

Tgt Ion:112 Resp: 161310  
Ion Ratio Lower Upper  
112 100  
114 32.8 25.8 38.6

Manual Integrations  
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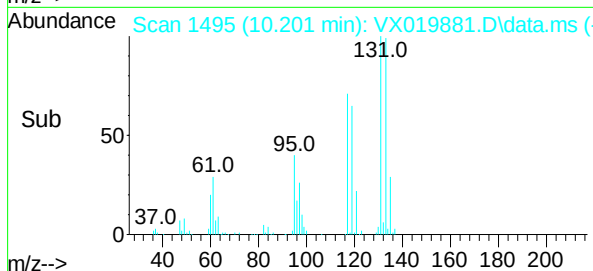
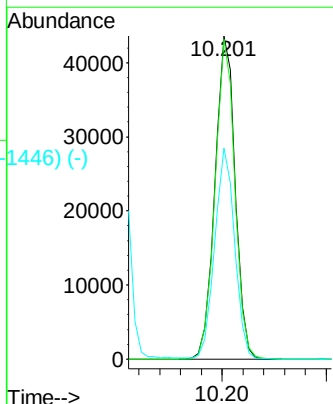
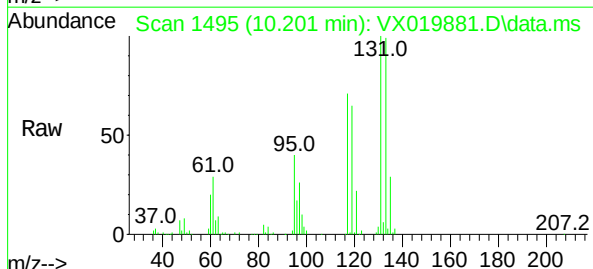
MMDadoda

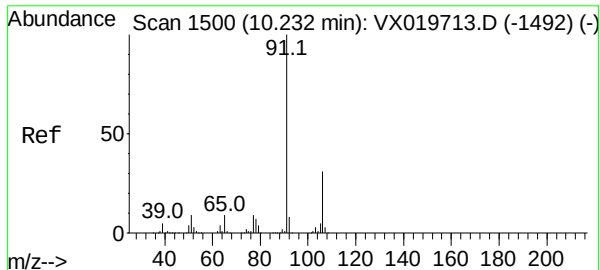
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#66  
1,1,1,2-Tetrachloroethane  
Concen: 19.10 ug/l  
RT: 10.201 min Scan# 1495  
Delta R.T. -0.000 min  
Lab File: VX019881.D  
Acq: 11 Dec 2020 17:41

Tgt Ion:131 Resp: 59033  
Ion Ratio Lower Upper  
131 100  
133 97.0 47.7 143.1  
119 64.7 32.1 96.5





#67  
Ethyl Benzene  
Concen: 18.94 ug/l  
RT: 10.232 min Scan# 1500  
Delta R.T. -0.000 min  
Lab File: VX019881.D  
Acq: 11 Dec 2020 17:41

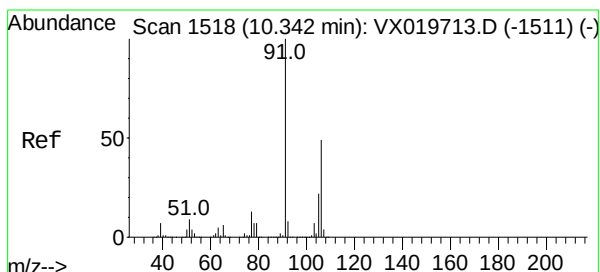
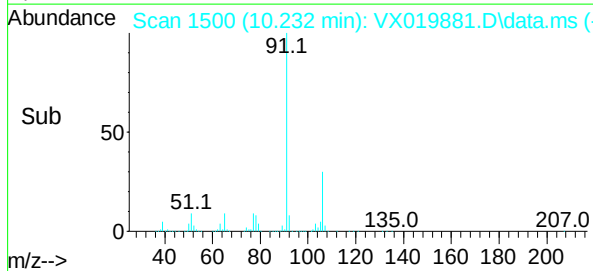
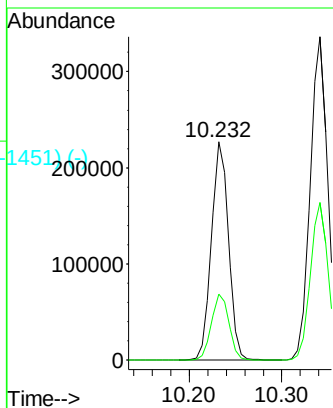
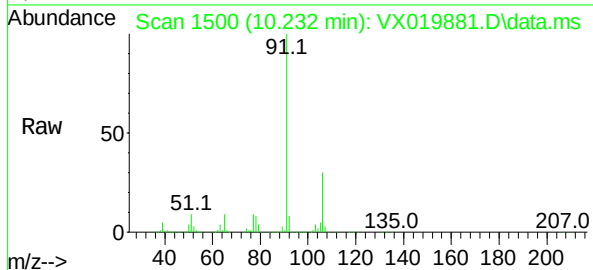
Tgt Ion: 91 Resp: 288634  
Ion Ratio Lower Upper  
91 100  
106 30.3 24.6 37.0

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1211WBS02

Manual Integrations  
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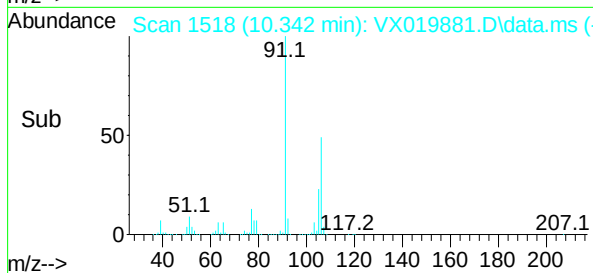
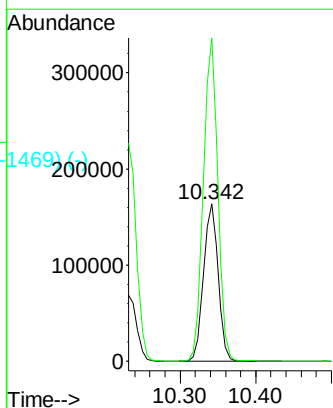
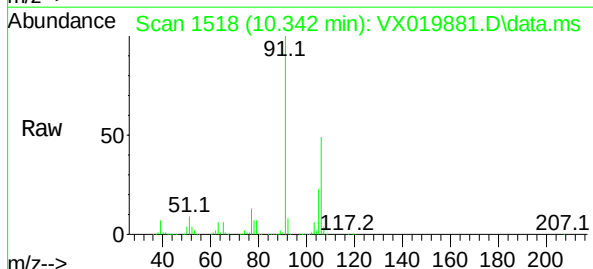
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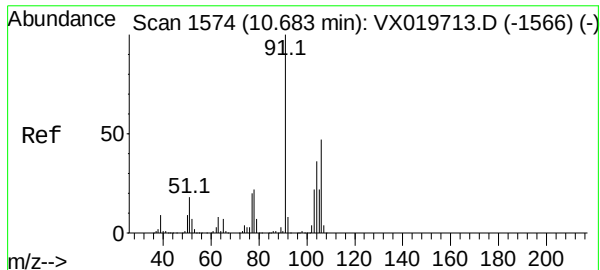
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#68  
m/p-Xylenes  
Concen: 38.20 ug/l  
RT: 10.342 min Scan# 1518  
Delta R.T. -0.000 min  
Lab File: VX019881.D  
Acq: 11 Dec 2020 17:41

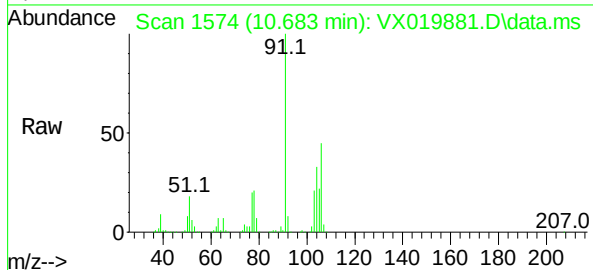
Tgt Ion:106 Resp: 219401  
Ion Ratio Lower Upper  
106 100  
91 202.8 162.8 244.2





#69  
o-Xylene  
Concen: 18.68 ug/l  
RT: 10.683 min Scan# 1574  
Delta R.T. -0.000 min  
Lab File: VX019881.D  
Acq: 11 Dec 2020 17:41

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1211WBS02

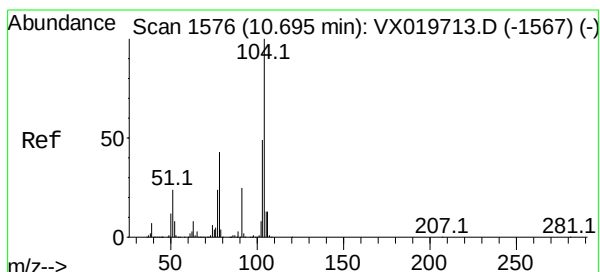
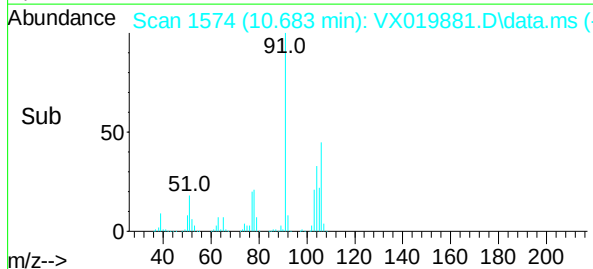
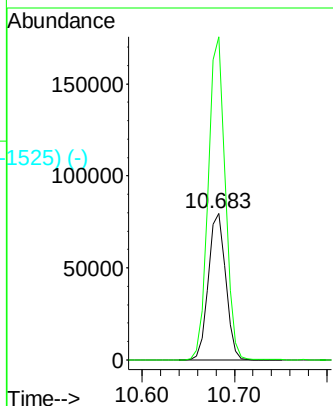


Tgt Ion:106 Resp: 103194  
Ion Ratio Lower Upper  
106 100  
91 216.1 108.1 324.2

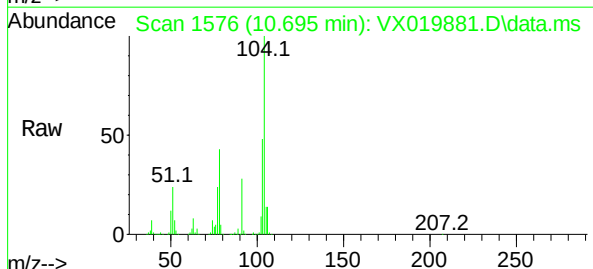
Manual Integrations  
APPROVED

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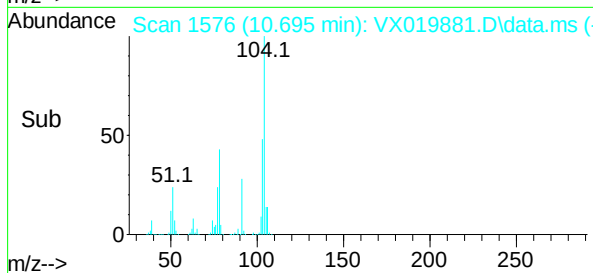
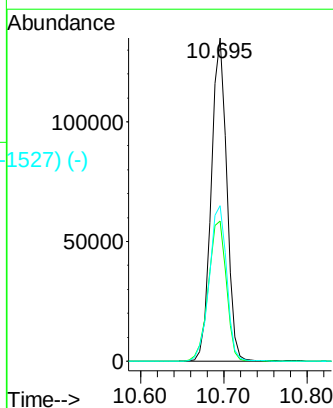
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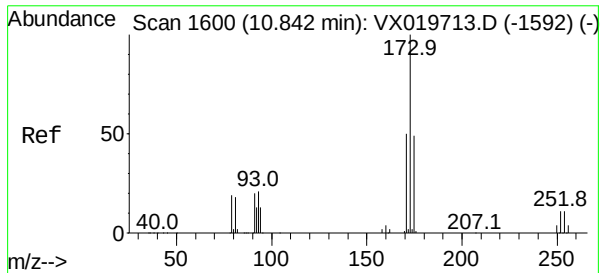


#70  
Styrene  
Concen: 18.73 ug/l  
RT: 10.695 min Scan# 1576  
Delta R.T. -0.000 min  
Lab File: VX019881.D  
Acq: 11 Dec 2020 17:41



Tgt Ion:104 Resp: 174659  
Ion Ratio Lower Upper  
104 100  
78 49.8 40.0 60.0  
103 53.7 43.4 65.0





#71  
Bromoform  
Concen: 18.12 ug/l  
RT: 10.841 min Scan# 1600  
Delta R.T. -0.000 min  
Lab File: VX019881.D  
Acq: 11 Dec 2020 17:41

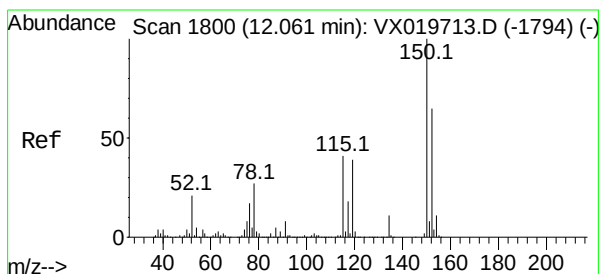
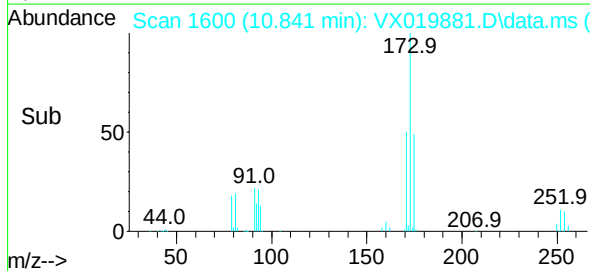
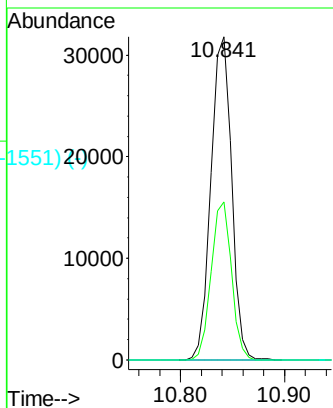
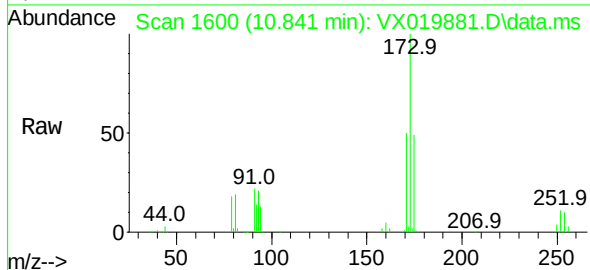
Tgt Ion:173 Resp: 44064  
Ion Ratio Lower Upper  
173 100  
175 47.9 23.9 71.8  
254 0.0 0.1 0.1#

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1211WBS02

Manual Integrations  
APPROVED

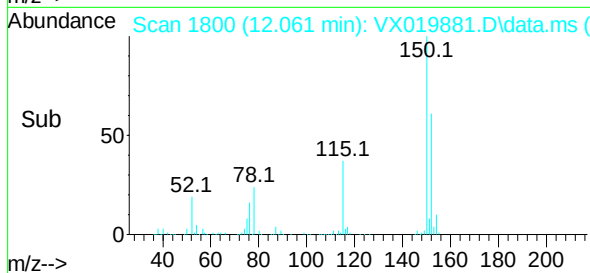
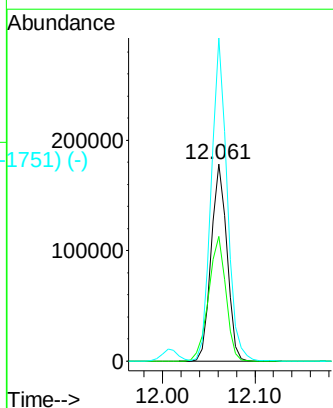
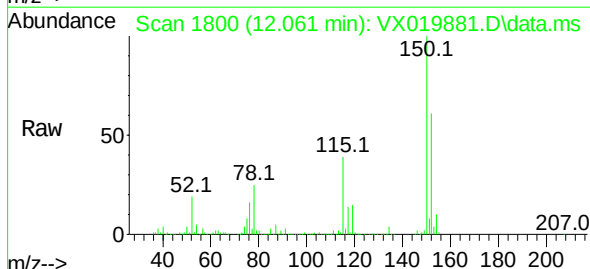
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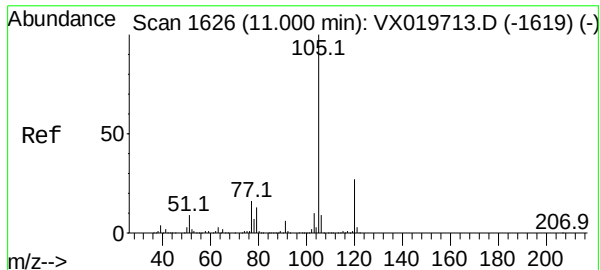


#72  
1,4-Dichlorobenzene-d4  
Concen: 50.00 ug/l  
RT: 12.061 min Scan# 1800  
Delta R.T. -0.000 min  
Lab File: VX019881.D  
Acq: 11 Dec 2020 17:41

Tgt Ion:152 Resp: 210033  
Ion Ratio Lower Upper  
152 100  
115 69.1 41.1 123.3  
150 164.8 0.0 349.0







#73  
Isopropylbenzene  
Concen: 19.67 ug/l  
RT: 11.000 min Scan# 1626  
Delta R.T. -0.000 min  
Lab File: VX019881.D  
Acq: 11 Dec 2020 17:41

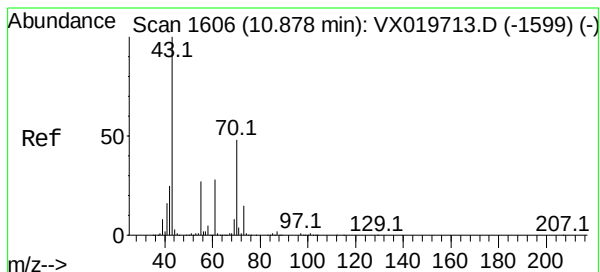
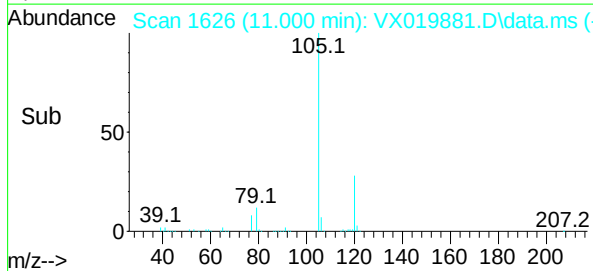
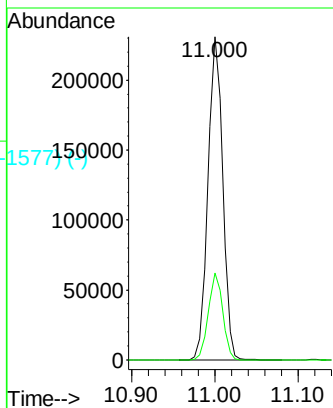
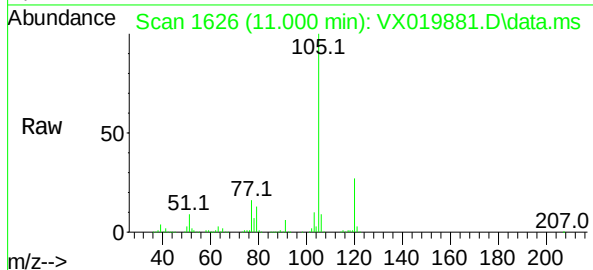
Tgt Ion: 105 Resp: 282213  
Ion Ratio Lower Upper  
105 100  
120 26.2 13.2 39.6

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1211WBS02

Manual Integrations  
APPROVED

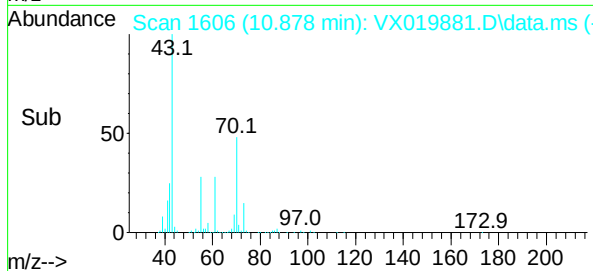
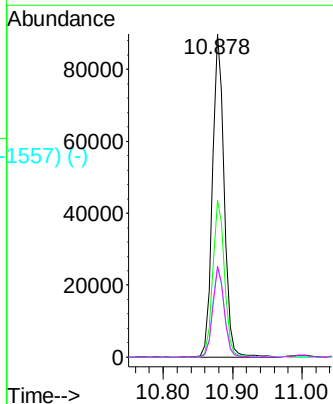
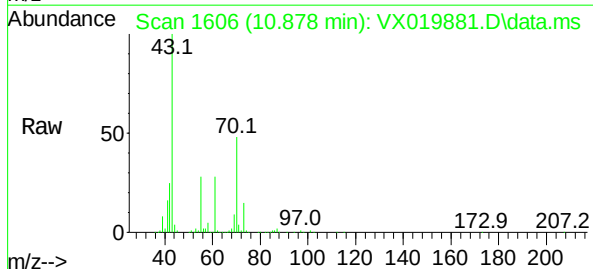
MMDadoda

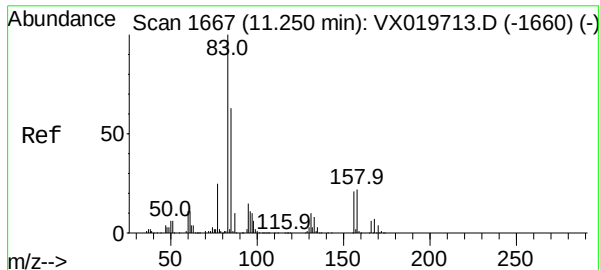
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#74  
N-amyI acetate  
Concen: 18.37 ug/l  
RT: 10.878 min Scan# 1606  
Delta R.T. -0.000 min  
Lab File: VX019881.D  
Acq: 11 Dec 2020 17:41

Tgt Ion: 43 Resp: 105652  
Ion Ratio Lower Upper  
43 100  
70 48.6 39.0 58.6  
55 28.1 21.5 32.3  
61 27.3 22.1 33.1





#75  
1,1,2,2-Tetrachloroethane  
Concen: 19.48 ug/l  
RT: 11.250 min Scan# 1667  
Delta R.T. -0.000 min  
Lab File: VX019881.D  
Acq: 11 Dec 2020 17:41

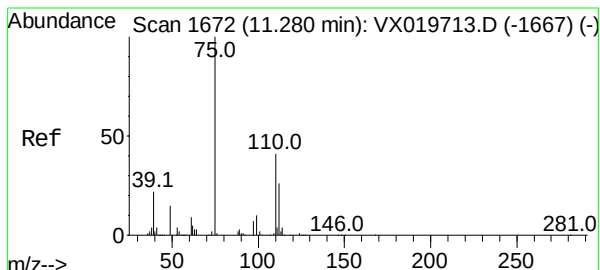
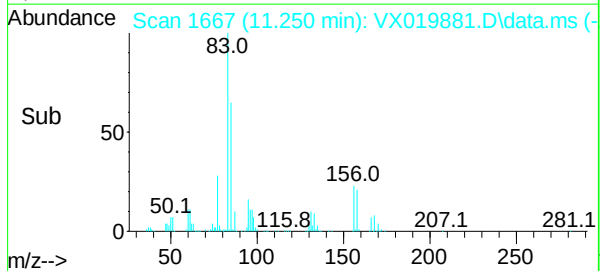
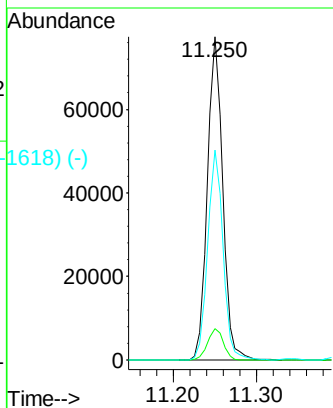
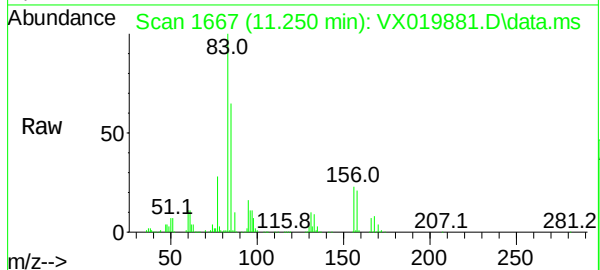
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1211WBS02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 131     | 10.0  | 5.1   | 15.2  |
| 85      | 64.9  | 31.8  | 95.4  |

Manual Integrations  
APPROVED

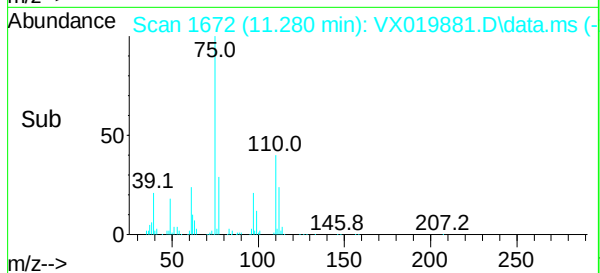
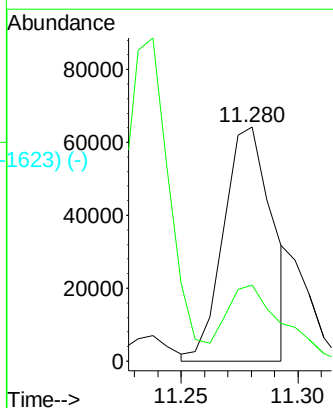
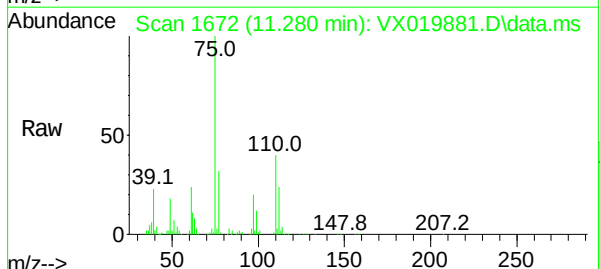
MMDadoda

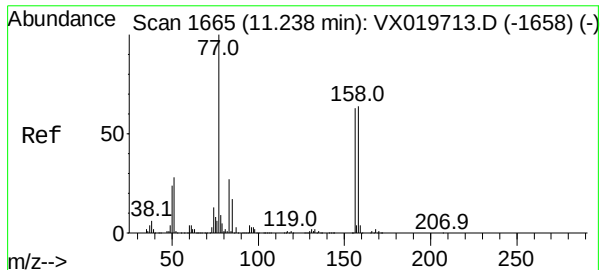
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#76  
1,2,3-Trichloropropane  
Concen: 19.71 ug/l m  
RT: 11.280 min Scan# 1672  
Delta R.T. -0.000 min  
Lab File: VX019881.D  
Acq: 11 Dec 2020 17:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 77      | 37.3  | 19.1  | 57.5  |





#77  
Bromobenzene  
Concen: 19.24 ug/l  
RT: 11.238 min Scan# 1665  
Delta R.T. -0.000 min  
Lab File: VX019881.D  
Acq: 11 Dec 2020 17:41

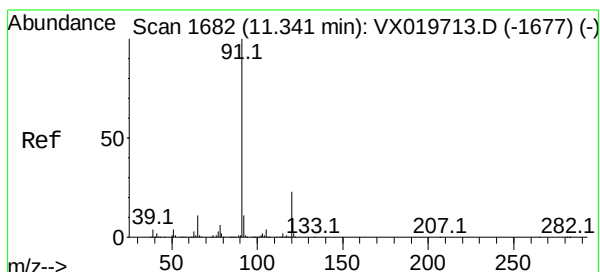
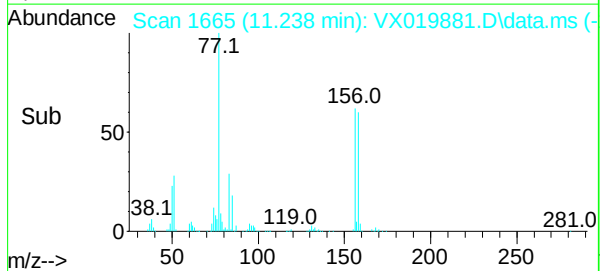
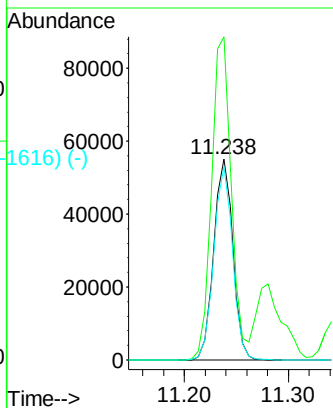
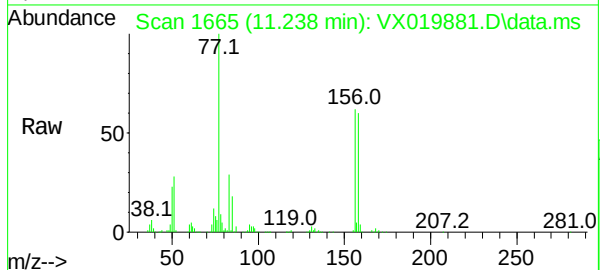
Tgt Ion: 156 Resp: 70641  
Ion Ratio Lower Upper  
156 100  
77 165.6 82.8 248.6  
158 94.5 49.1 147.4

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1211WBS02

Manual Integrations  
APPROVED

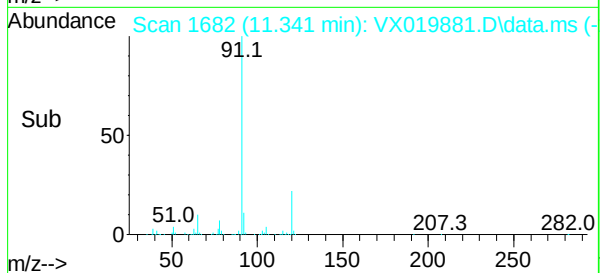
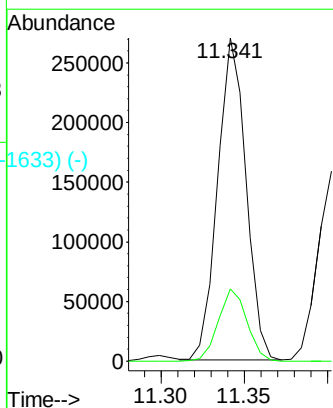
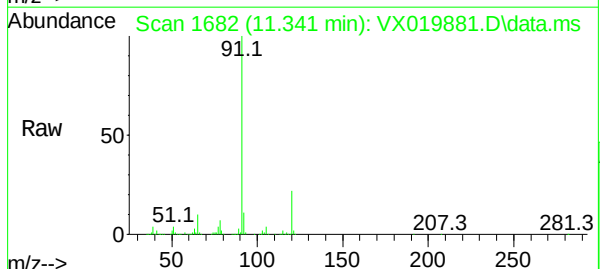
MMDadoda

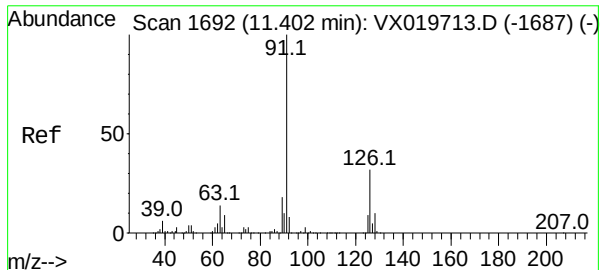
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#78  
n-propylbenzene  
Concen: 19.64 ug/l  
RT: 11.341 min Scan# 1682  
Delta R.T. -0.000 min  
Lab File: VX019881.D  
Acq: 11 Dec 2020 17:41

Tgt Ion: 91 Resp: 321819  
Ion Ratio Lower Upper  
91 100  
120 22.6 11.5 34.5





#79  
2-Chlorotoluene  
Concen: 19.61 ug/l  
RT: 11.402 min Scan# 1692  
Delta R.T. -0.000 min  
Lab File: VX019881.D  
Acq: 11 Dec 2020 17:41

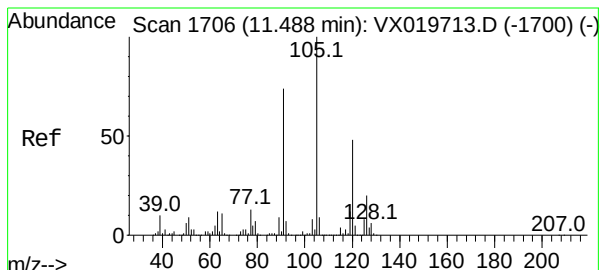
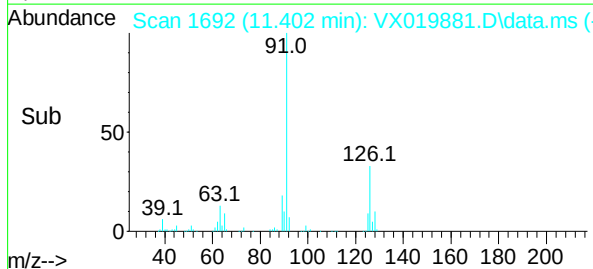
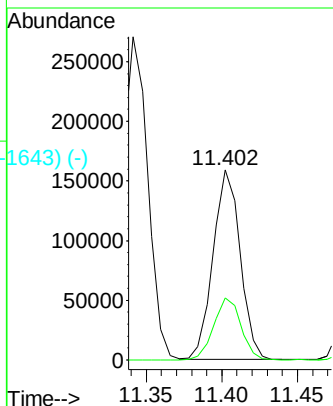
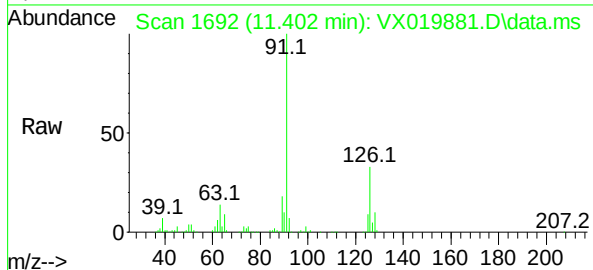
Tgt Ion: 91 Resp: 197869  
Ion Ratio Lower Upper  
91 100  
126 32.8 16.6 49.8

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1211WBS02

Manual Integrations  
APPROVED

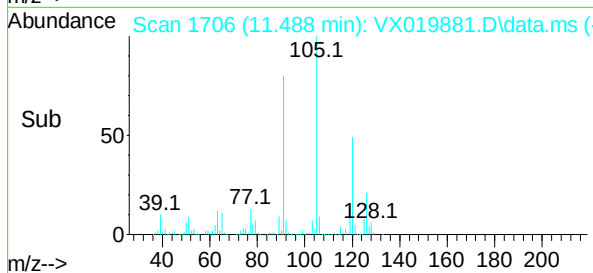
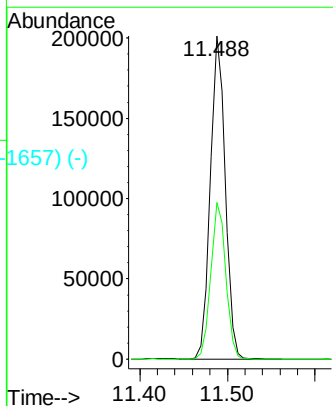
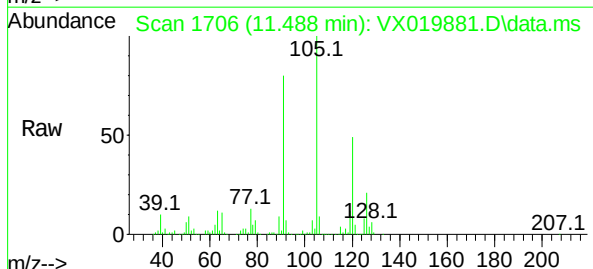
MMDadoda

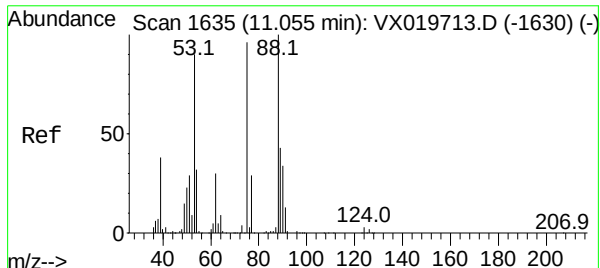
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#80  
1,3,5-Trimethylbenzene  
Concen: 19.65 ug/l  
RT: 11.488 min Scan# 1706  
Delta R.T. -0.000 min  
Lab File: VX019881.D  
Acq: 11 Dec 2020 17:41

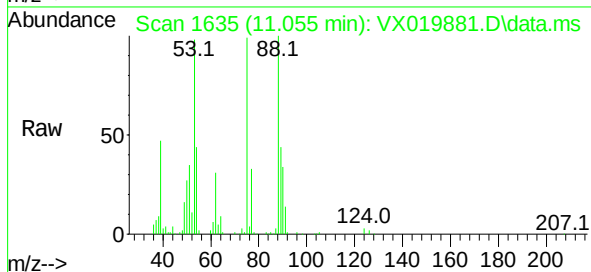
Tgt Ion:105 Resp: 238026  
Ion Ratio Lower Upper  
105 100  
120 48.7 23.8 71.5





#81  
trans-1,4-Dichloro-2-butene  
Concen: 17.68 ug/l  
RT: 11.055 min Scan# 1635  
Delta R.T. -0.000 min  
Lab File: VX019881.D  
Acq: 11 Dec 2020 17:41

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1211WBS02

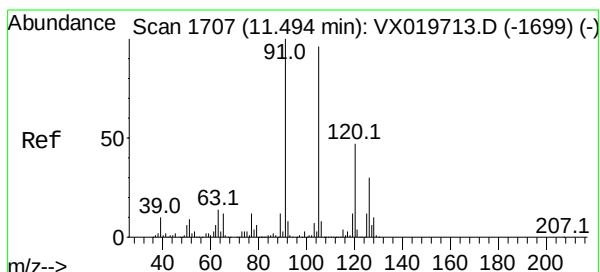
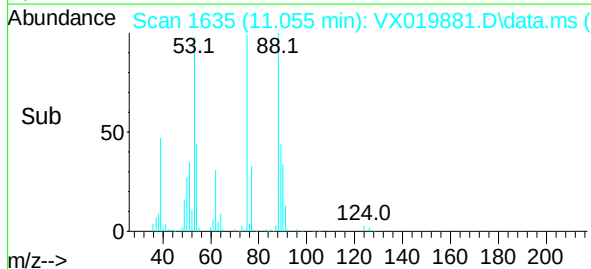
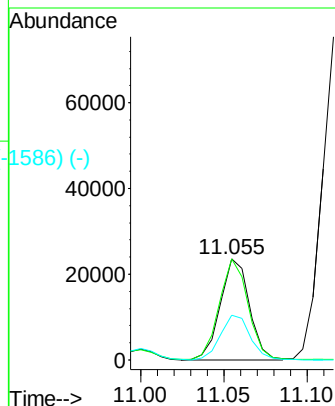


Tgt Ion: 75 Resp: 28806  
Ion Ratio Lower Upper  
75 100  
53 98.3 74.5 111.7  
89 45.4 37.9 56.9

Manual Integrations  
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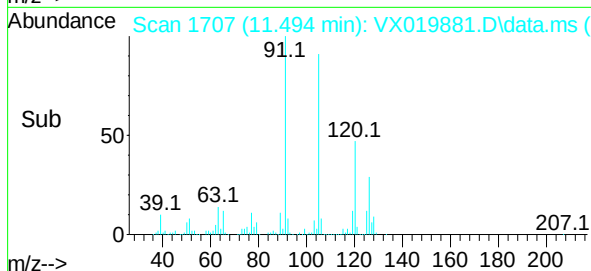
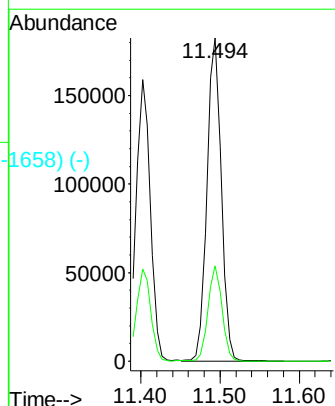
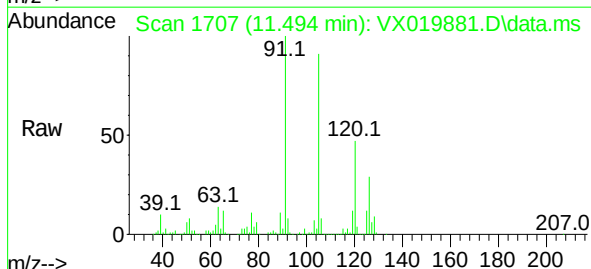
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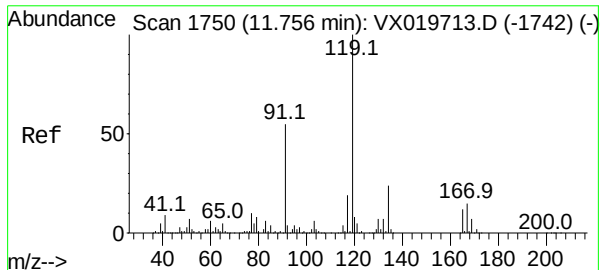
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#82  
4-Chlorotoluene  
Concen: 19.30 ug/l  
RT: 11.494 min Scan# 1707  
Delta R.T. -0.000 min  
Lab File: VX019881.D  
Acq: 11 Dec 2020 17:41

Tgt Ion: 91 Resp: 228136  
Ion Ratio Lower Upper  
91 100  
126 28.9 14.9 44.5





#83  
tert-Butylbenzene  
Concen: 19.50 ug/l  
RT: 11.756 min Scan# 1750  
Delta R.T. -0.000 min  
Lab File: VX019881.D  
Acq: 11 Dec 2020 17:41

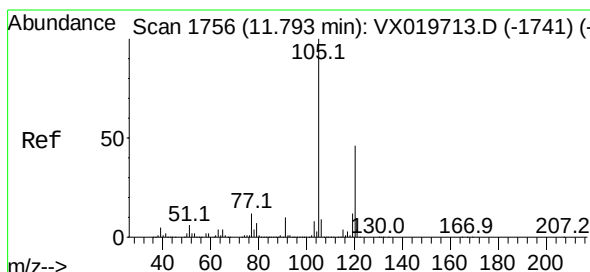
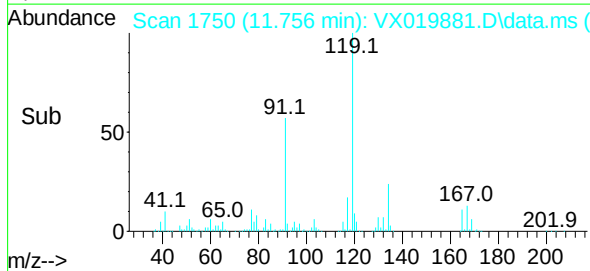
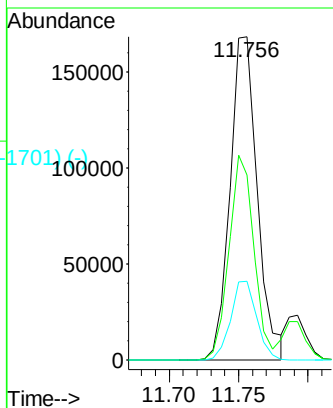
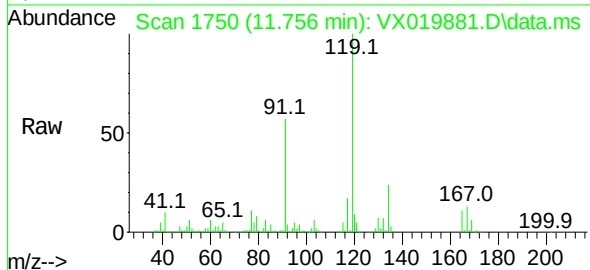
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 119   | Resp: | 231587 |
| Ion      | Ratio | Lower | Upper  |
| 119      | 100   |       |        |
| 91       | 57.8  | 27.9  | 83.7   |
| 134      | 23.2  | 11.3  | 33.9   |

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1211WBS02

Manual Integrations  
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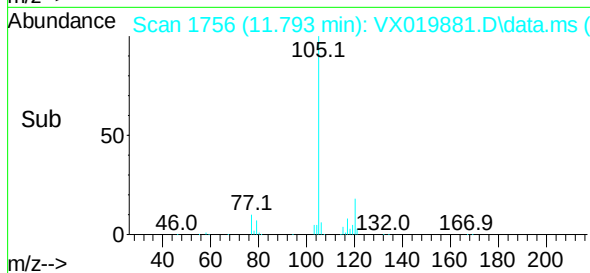
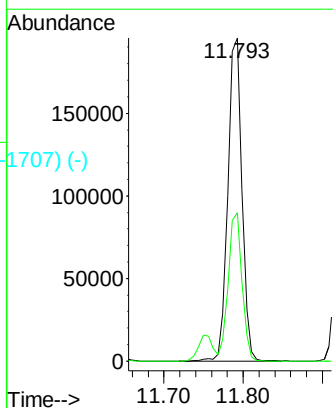
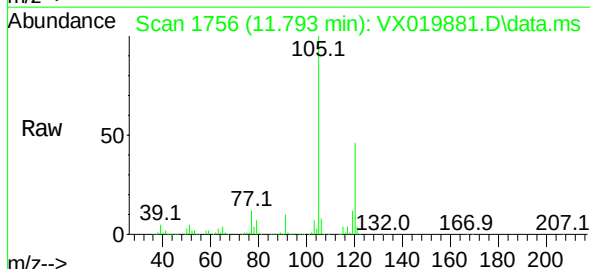
MMDadoda

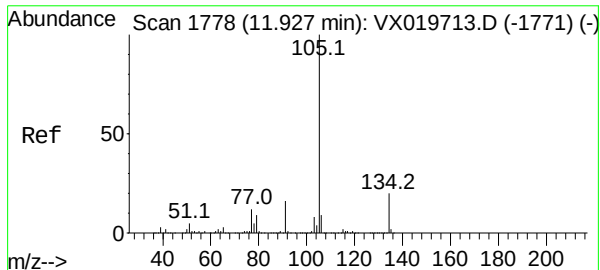
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#84  
1,2,4-Trimethylbenzene  
Concen: 19.90 ug/l  
RT: 11.793 min Scan# 1756  
Delta R.T. -0.000 min  
Lab File: VX019881.D  
Acq: 11 Dec 2020 17:41

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 105   | Resp: | 242793 |
| Ion      | Ratio | Lower | Upper  |
| 105      | 100   |       |        |
| 120      | 45.1  | 22.4  | 67.3   |





#85  
sec-Butylbenzene  
Concen: 19.82 ug/l  
RT: 11.927 min Scan# 1778  
Delta R.T. -0.000 min  
Lab File: VX019881.D  
Acq: 11 Dec 2020 17:41

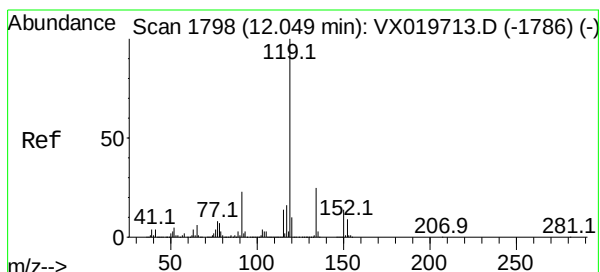
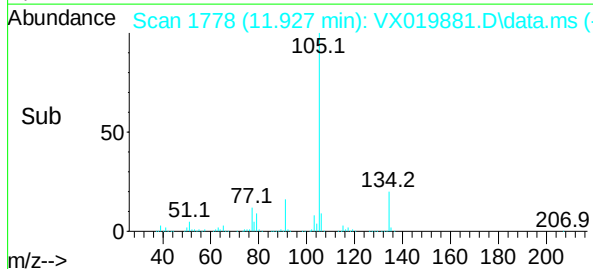
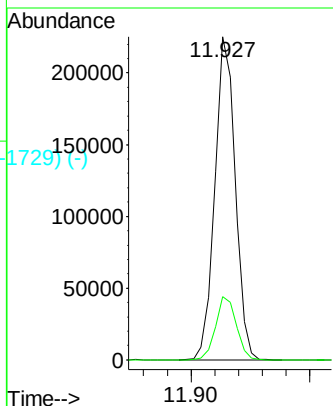
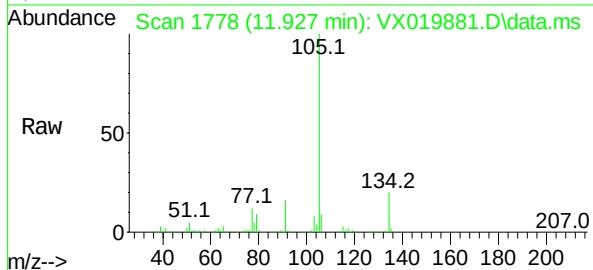
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1211WBS02

Tgt Ion:105 Resp: 268708  
Ion Ratio Lower Upper  
105 100  
134 19.8 10.0 29.8

Manual Integrations  
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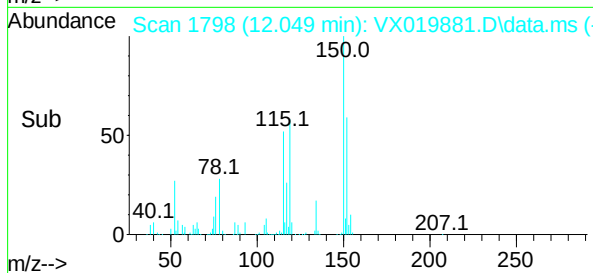
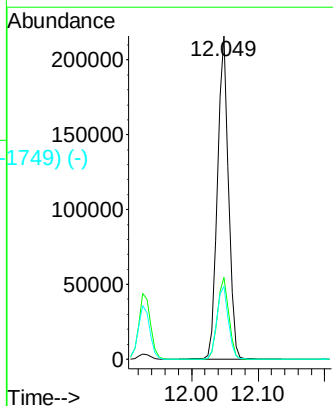
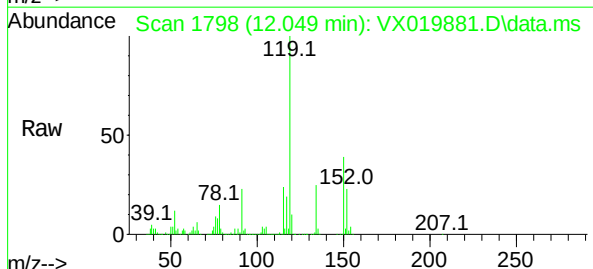
MMDadoda

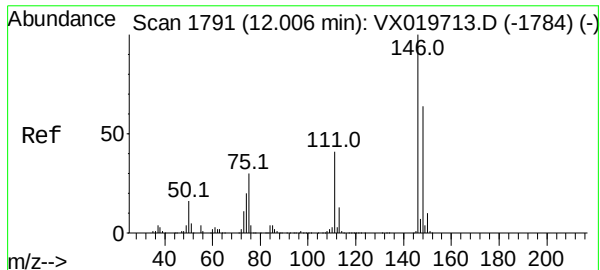
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#86  
p-Isopropyltoluene  
Concen: 19.94 ug/l  
RT: 12.049 min Scan# 1798  
Delta R.T. -0.000 min  
Lab File: VX019881.D  
Acq: 11 Dec 2020 17:41

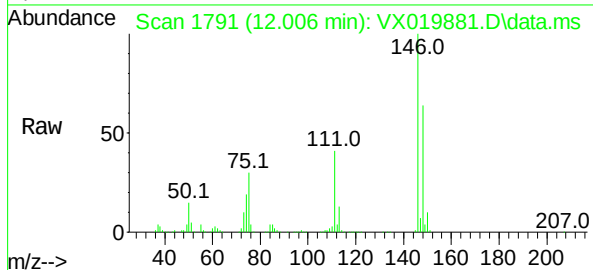
Tgt Ion:119 Resp: 247792  
Ion Ratio Lower Upper  
119 100  
134 25.9 12.9 38.7  
91 23.7 11.7 35.0





#87  
1,3-Dichlorobenzene  
Concen: 18.84 ug/l  
RT: 12.006 min Scan# 1791  
Delta R.T. -0.000 min  
Lab File: VX019881.D  
Acq: 11 Dec 2020 17:41

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1211WBS02

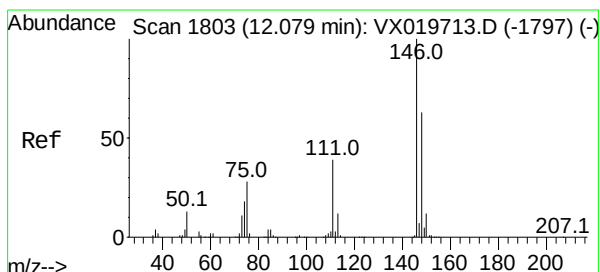
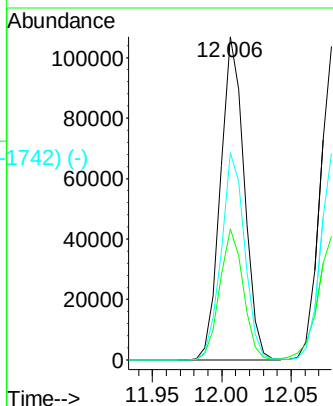
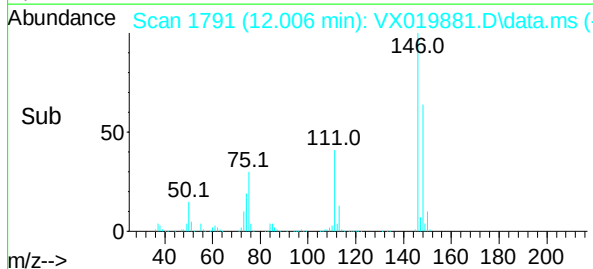


Tgt Ion:146 Resp: 126949  
Ion Ratio Lower Upper  
146 100  
111 40.1 20.2 60.5  
148 63.4 31.9 95.7

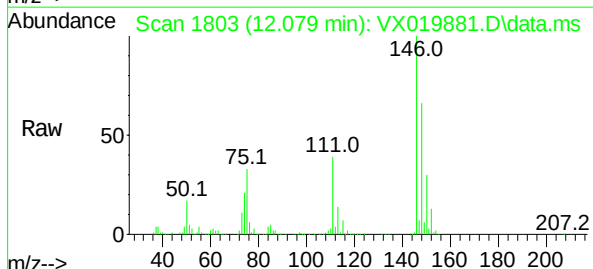
Manual Integrations  
APPROVED

MMDadoda

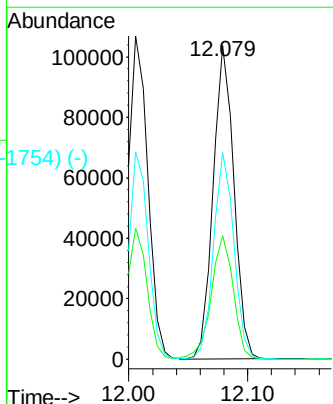
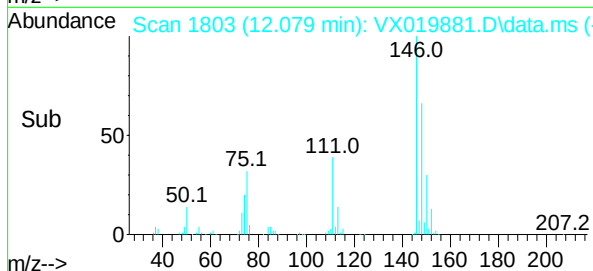
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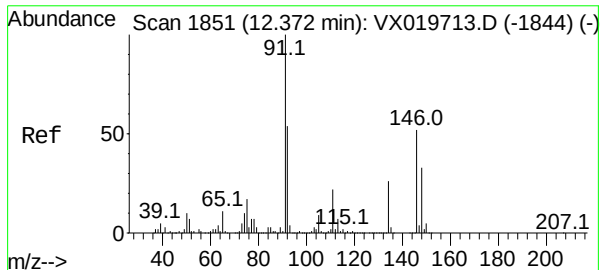
#88  
1,4-Dichlorobenzene  
Concen: 18.31 ug/l  
RT: 12.079 min Scan# 1803  
Delta R.T. -0.000 min  
Lab File: VX019881.D  
Acq: 11 Dec 2020 17:41



Tgt Ion:146 Resp: 125657  
Ion Ratio Lower Upper  
146 100  
111 42.0 19.6 58.8  
148 65.0 31.6 95.0

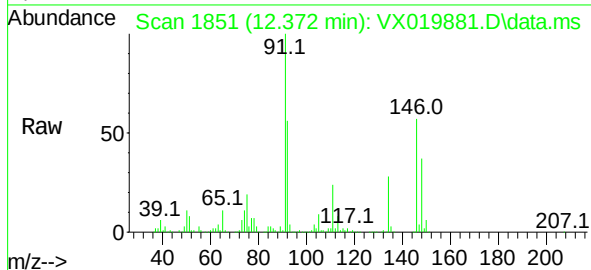






#89  
n-Butylbenzene  
Concen: 19.26 ug/l  
RT: 12.372 min Scan# 1851  
Delta R.T. -0.000 min  
Lab File: VX019881.D  
Acq: 11 Dec 2020 17:41

Instrument :  
MSVOA\_X  
ClientSampled :  
VX1211WBS02

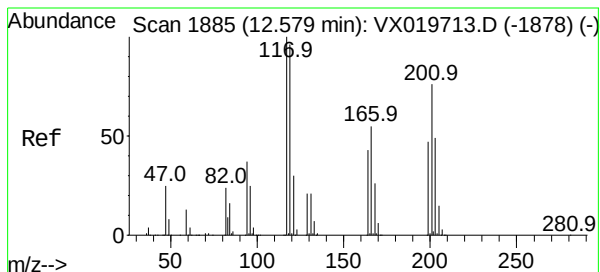
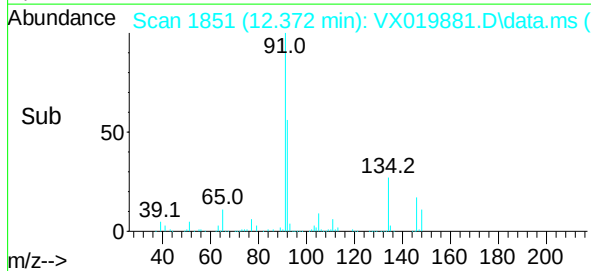
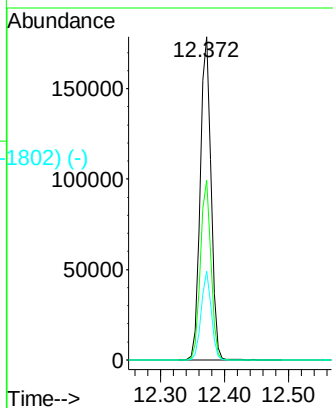


| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 92      | 54.4  | 27.4  | 82.0  |
| 134     | 25.7  | 13.2  | 39.5  |

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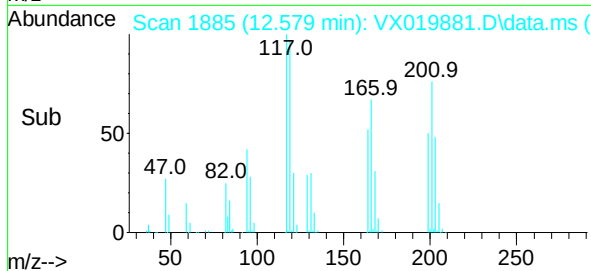
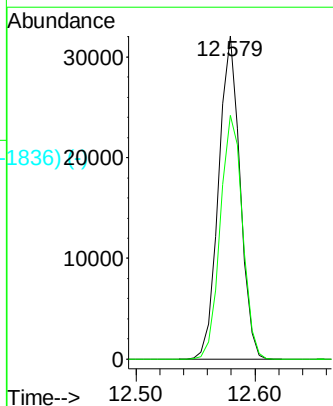
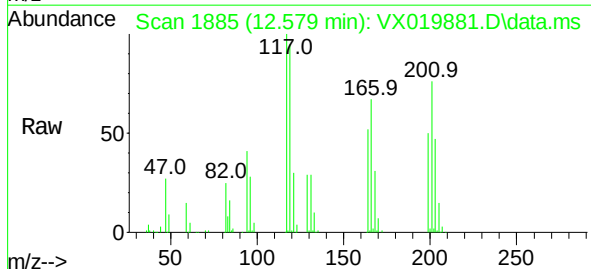
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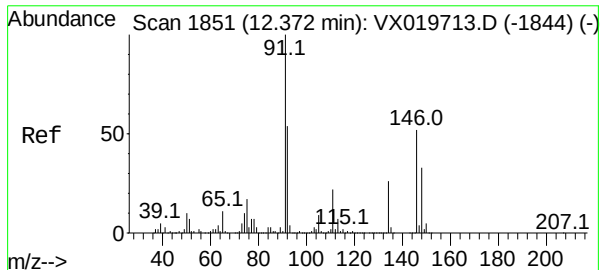
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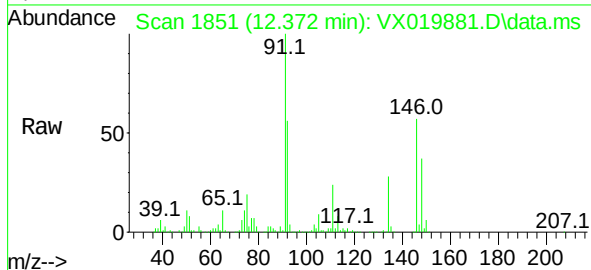
#90  
Hexachloroethane  
Concen: 18.68 ug/l  
RT: 12.579 min Scan# 1885  
Delta R.T. -0.000 min  
Lab File: VX019881.D  
Acq: 11 Dec 2020 17:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 201     | 78.2  | 40.4  | 121.2 |

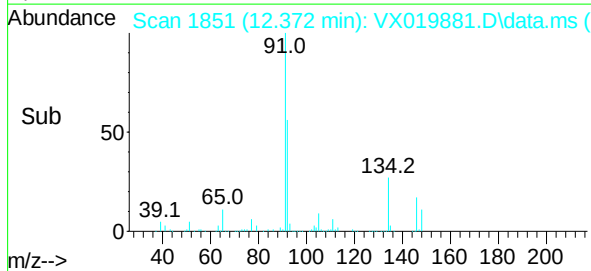
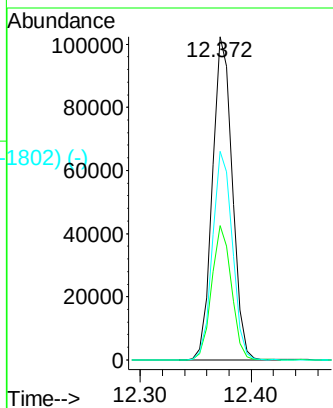




#91  
1,2-Dichlorobenzene  
Concen: 19.47 ug/l  
RT: 12.372 min Scan# 1851  
Delta R.T. -0.000 min  
Lab File: VX019881.D  
Acq: 11 Dec 2020 17:41



| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 41.3  | 20.8  | 62.2  |
| 148     | 64.4  | 31.9  | 95.5  |

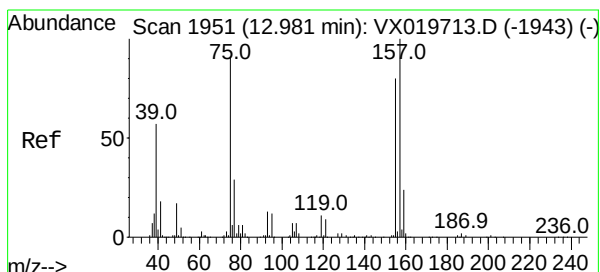


Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1211WBS02

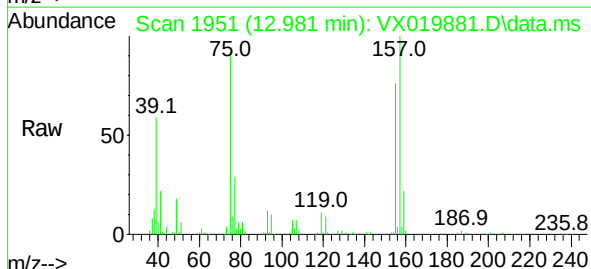
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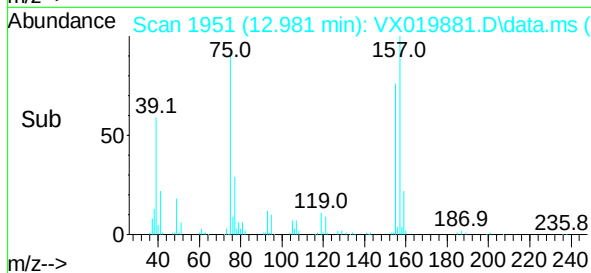
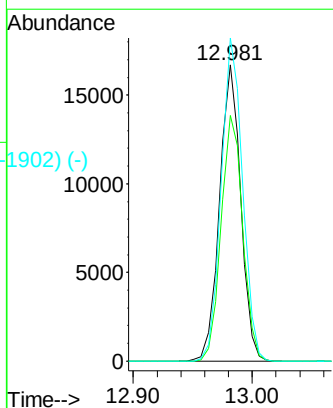
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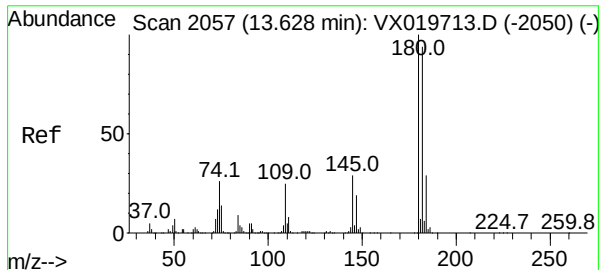


#92  
1,2-Dibromo-3-Chloropropane  
Concen: 18.90 ug/l  
RT: 12.981 min Scan# 1951  
Delta R.T. -0.000 min  
Lab File: VX019881.D  
Acq: 11 Dec 2020 17:41



| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 155     | 84.5  | 45.3  | 135.9 |
| 157     | 110.2 | 57.7  | 173.1 |





#93  
1,2,4-Trichlorobenzene  
Concen: 18.73 ug/l  
RT: 13.628 min Scan# 2057  
Delta R.T. -0.000 min  
Lab File: VX019881.D  
Acq: 11 Dec 2020 17:41

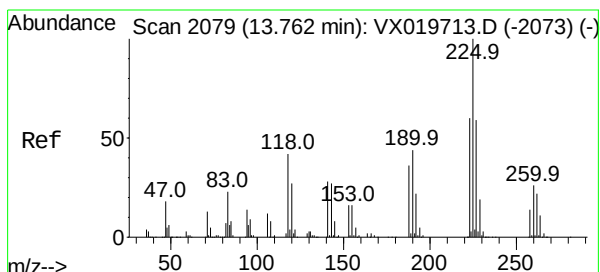
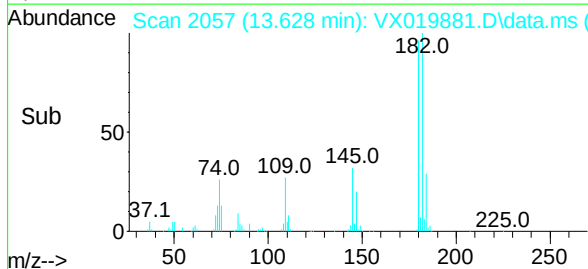
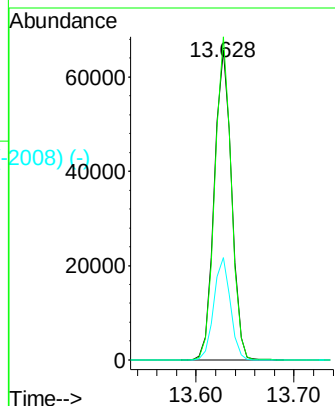
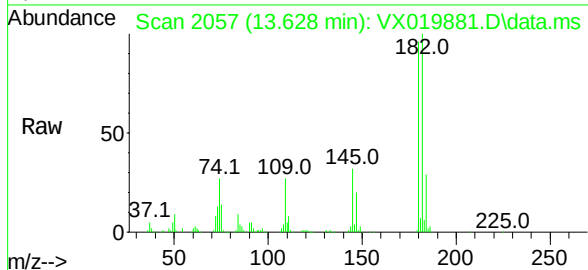
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 99.3  | 47.7  | 143.1 |
| 145     | 31.6  | 15.0  | 45.0  |

Instrument :  
MSVOA\_X  
ClientSampled :  
VX1211WBS02

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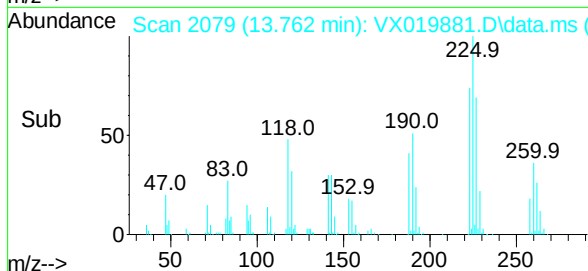
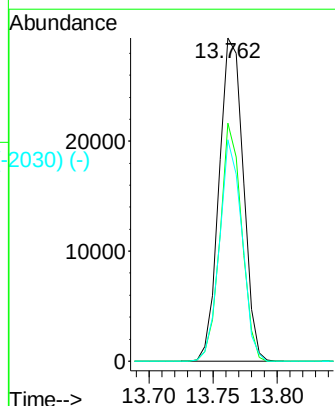
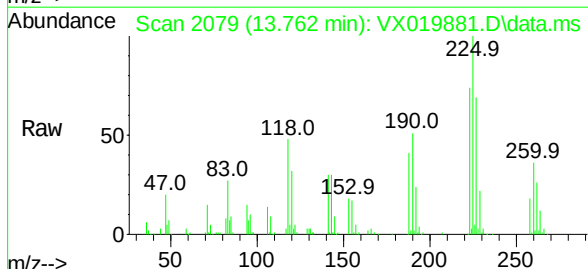
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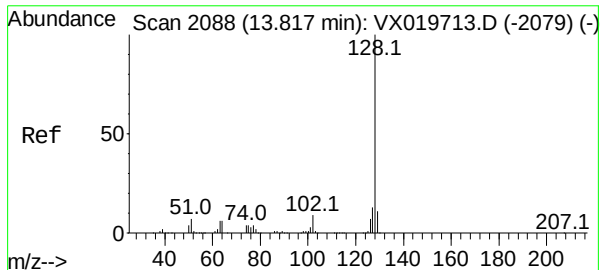
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#94  
Hexachlorobutadiene  
Concen: 20.07 ug/l  
RT: 13.762 min Scan# 2079  
Delta R.T. -0.000 min  
Lab File: VX019881.D  
Acq: 11 Dec 2020 17:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 65.9  | 31.1  | 93.2  |
| 227     | 63.2  | 31.6  | 95.0  |





#95  
Naphthalene  
Concen: 19.07 ug/l  
RT: 13.817 min Scan# 2088  
Delta R.T. -0.000 min  
Lab File: VX019881.D  
Acq: 11 Dec 2020 17:41

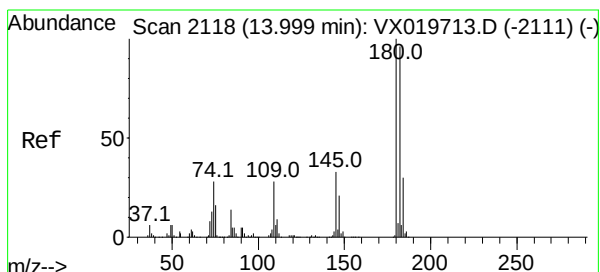
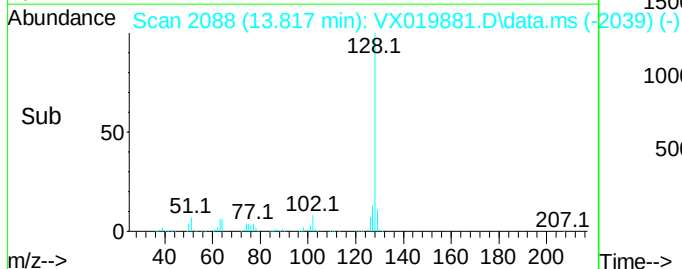
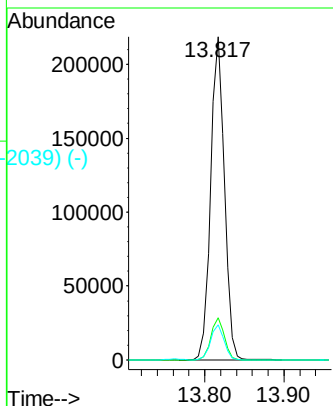
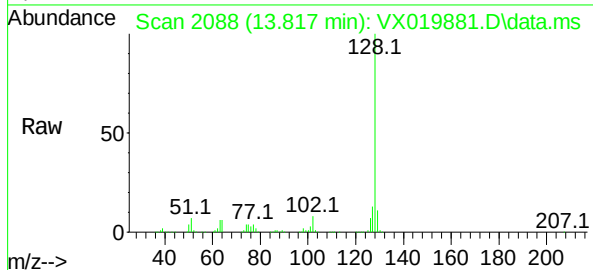
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 127     | 12.8  | 10.3  | 15.5  |
| 129     | 10.7  | 8.8   | 13.2  |

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1211WBS02

Manual Integrations  
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#96  
1,2,3-Trichlorobenzene  
Concen: 19.36 ug/l  
RT: 13.999 min Scan# 2118  
Delta R.T. -0.000 min  
Lab File: VX019881.D  
Acq: 11 Dec 2020 17:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 95.7  | 47.6  | 142.9 |
| 145     | 32.8  | 16.1  | 48.3  |

