

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX120820\  
 Data File : VX019763.D  
 Acq On : 08 Dec 2020 16:36  
 Operator : JC/MD  
 Sample : VX1208WBS01  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampled :  
 VX1208WBS01

Manual Integrations  
 APPROVED

MMDadoda  
 12/10/2020 10:17:58 AM

Quant Time: Dec 09 06:18:26 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\624X120820W.M  
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
 QLast Update : Wed Dec 09 06:09:21 2020  
 Response via : Initial Calibration

| Compound                     | R.T.           | QIon | Response   | Conc    | Units  | Dev(Min) |
|------------------------------|----------------|------|------------|---------|--------|----------|
| -----                        |                |      |            |         |        |          |
| Internal Standards           |                |      |            |         |        |          |
| 1) Bromochloromethane        | 4.977          | 128  | 53751      | 30.00   | ug/l   | 0.00     |
| 28) 1,4-Difluorobenzene      | 6.824          | 114  | 295342     | 30.00   | ug/l   | 0.00     |
| 57) Chlorobenzene-d5         | 10.092         | 117  | 271073     | 30.00   | ug/l   | 0.00     |
|                              |                |      |            |         |        |          |
| System Monitoring Compounds  |                |      |            |         |        |          |
| 27) 1,2-Dichloroethane-d4    | 6.025          | 65   | 113365     | 30.43   | ug/l   | 0.00     |
| Spiked Amount 30.000         | Range 91 - 110 |      | Recovery = | 101.43% |        |          |
| 60) 4-Bromofluorobenzene     | 11.122         | 95   | 137309     | 30.16   | ug/l   | 0.00     |
| Spiked Amount 30.000         | Range 63 - 112 |      | Recovery = | 100.53% |        |          |
| 63) Toluene-d8               | 8.695          | 98   | 360236     | 30.34   | ug/l   | 0.00     |
| Spiked Amount 30.000         | Range 91 - 112 |      | Recovery = | 101.13% |        |          |
|                              |                |      |            |         |        |          |
| Target Compounds             |                |      |            |         | Qvalue |          |
| 2) Dichlorodifluoromethane   | 1.185          | 85   | 57183      | 20.02   | ug/l   | 100      |
| 3) Chloromethane             | 1.313          | 50   | 62551      | 20.52   | ug/l   | 100      |
| 4) Vinyl Chloride            | 1.392          | 62   | 72542      | 20.57   | ug/l   | 98       |
| 5) Bromomethane              | 1.624          | 94   | 23194      | 16.99   | ug/l   | 95       |
| 6) Chloroethane              | 1.703          | 64   | 46179      | 20.76   | ug/l   | 96       |
| 7) Trichlorofluoromethane    | 1.910          | 101  | 103696     | 20.87   | ug/l   | 99       |
| 8) Diethyl Ether             | 2.166          | 74   | 42353      | 20.53   | ug/l   | 98       |
| 9) 1,1,2-Trichlorotrifluo... | 2.361          | 101  | 59575      | 20.84   | ug/l   | 99       |
| 10) 1,1-Dichloroethene       | 2.349          | 96   | 59600      | 20.54   | ug/l   | 98       |
| 11) Methyl Iodide            | 2.489          | 142  | 68113      | 17.96   | ug/l   | 99       |
| 12) Methyl Acetate           | 2.745          | 43   | 74229      | 19.65   | ug/l   | 98       |
| 13) Acrolein                 | 2.270          | 56   | 44525      | 83.18   | ug/l   | 99       |
| 14) Acrylonitrile            | 3.111          | 53   | 190463     | 103.72  | ug/l   | 99       |
| 15) Acetone                  | 2.416          | 58   | 55253      | 101.12  | ug/l   | 97       |
| 16) Carbon Disulfide         | 2.544          | 76   | 159999     | 20.15   | ug/l   | 100      |
| 17) Allyl chloride           | 2.703          | 41   | 97432      | 20.40   | ug/l   | 98       |
| 18) Methylene Chloride       | 2.831          | 84   | 74051      | 20.69   | ug/l   | 98       |
| 19) trans-1,2-Dichloroethene | 3.135          | 96   | 68916      | 20.48   | ug/l   | 98       |
| 20) Diisopropyl ether        | 3.818          | 45   | 204453     | 20.63   | ug/l   | 97       |
| 21) 1,1-Dichloroethane       | 3.666          | 63   | 123018     | 20.73   | ug/l   | 99       |
| 22) cis-1,2-Dichloroethene   | 4.556          | 96   | 79944      | 20.55   | ug/l   | 99       |
| 23) tert-Butyl Alcohol       | 3.014          | 59   | 88752      | 102.64  | ug/l # | 100      |
| 24) Methyl tert-Butyl Ether  | 3.166          | 73   | 217142     | 20.56   | ug/l   | 100      |
| 25) Chloroform               | 5.172          | 83   | 126922     | 20.73   | ug/l   | 100      |
| 26) Cyclohexane              | 5.544          | 56   | 106671     | 20.94   | ug/l # | 98       |
| 29) 1,1-Dichloropropene      | 5.763          | 75   | 94515      | 20.62   | ug/l   | 99       |
| 30) 2-Butanone               | 4.629          | 43   | 245185     | 100.96  | ug/l   | 100      |
| 31) 2,2-Dichloropropane      | 4.544          | 77   | 104570     | 20.21   | ug/l   | 100      |
| 32) 1,1,1-Trichloroethane    | 5.458          | 97   | 108794     | 20.49   | ug/l   | 99       |
| 33) Carbon Tetrachloride     | 5.745          | 117  | 92782      | 20.31   | ug/l   | 99       |
| 34) Benzene                  | 6.104          | 78   | 289034     | 20.61   | ug/l   | 100      |
| 35) Methacrylonitrile        | 4.995          | 41   | 51030      | 20.32   | ug/l   | 95       |
| 36) 1,2-Dichloroethane       | 6.159          | 62   | 98528      | 20.45   | ug/l   | 100      |
| 37) Trichloroethene          | 7.177          | 130  | 75374      | 20.48   | ug/l   | 97       |
| 38) Methylcyclohexane        | 7.440          | 83   | 112582     | 20.64   | ug/l   | 100      |
| 39) 1,2-Dichloropropane      | 7.482          | 63   | 72782      | 20.65   | ug/l   | 96       |
| 40) Dibromomethane           | 7.635          | 93   | 49158      | 20.40   | ug/l   | 97       |
| 41) Bromodichloromethane     | 7.872          | 83   | 94820      | 19.79   | ug/l   | 99       |
| 42) Vinyl Acetate            | 3.782          | 43   | 870032     | 102.25  | ug/l   | 100      |
| 43) Ethyl Acetate            | 4.782          | 43   | 95599      | 20.77   | ug/l   | 99       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX120820\  
 Data File : VX019763.D  
 Acq On : 08 Dec 2020 16:36  
 Operator : JC/MD  
 Sample : VX1208WBS01  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX1208WBS01

Manual Integrations  
 APPROVED

MMDadoda  
 12/10/2020 10:17:58 AM

Quant Time: Dec 09 06:18:26 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\624X120820W.M  
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
 QLast Update : Wed Dec 09 06:09:21 2020  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) Isopropyl Acetate         | 6.403  | 43   | 150077   | 20.03  | ug/l  | 99       |
| 45) 1,4-Dioxane               | 7.708  | 88   | 37319    | 411.60 | ug/l  | 98       |
| 46) Methyl methacrylate       | 7.744  | 41   | 74328    | 20.14  | ug/l  | 100      |
| 47) n-amyl Acetate            | 10.878 | 43   | 128689   | 20.05  | ug/l  | 99       |
| 48) t-1,3-Dichloropropene     | 9.019  | 75   | 104127   | 19.52  | ug/l  | 98       |
| 49) cis-1,3-Dichloropropene   | 8.409  | 75   | 116267   | 19.92  | ug/l  | 99       |
| 50) 1,1,2-Trichloroethane     | 9.195  | 97   | 73955    | 20.57  | ug/l  | 98       |
| 51) Ethyl methacrylate        | 9.159  | 69   | 108719   | 19.70  | ug/l  | 98       |
| 52) 1,3-Dichloropropane       | 9.348  | 76   | 122976   | 20.32  | ug/l  | 100      |
| 53) Dibromochloromethane      | 9.561  | 129  | 72589    | 19.16  | ug/l  | 97       |
| 54) 1,2-Dibromoethane         | 9.653  | 107  | 78030    | 20.49  | ug/l  | 99       |
| 55) 2-Chloroethyl vinyl ether | 8.287  | 63   | 249866   | 87.53  | ug/l  | 100      |
| 56) Bromoform                 | 10.841 | 173  | 53633    | 19.01  | ug/l  | 100      |
| 58) 4-Methyl-2-Pentanone      | 8.616  | 43   | 473122   | 102.16 | ug/l  | 99       |
| 59) 2-Hexanone                | 9.470  | 43   | 375531   | 103.89 | ug/l  | 100      |
| 61) Tetrachloroethene         | 9.317  | 164  | 66916    | 20.93  | ug/l  | 97       |
| 62) Toluene                   | 8.763  | 91   | 310779   | 20.76  | ug/l  | 100      |
| 64) Chlorobenzene             | 10.116 | 112  | 193041   | 20.56  | ug/l  | 100      |
| 65) 1,1,1,2-Tetrachloroethane | 10.201 | 131  | 69619    | 20.00  | ug/l  | 99       |
| 66) Ethyl Benzene             | 10.232 | 91   | 348541   | 20.73  | ug/l  | 99       |
| 67) m/p-Xylenes               | 10.342 | 106  | 265177   | 41.76  | ug/l  | 98       |
| 68) o-Xylene                  | 10.683 | 106  | 127211   | 20.64  | ug/l  | 99       |
| 69) Styrene                   | 10.695 | 104  | 211721   | 20.21  | ug/l  | 99       |
| 70) Isopropylbenzene          | 11.000 | 105  | 342015   | 20.82  | ug/l  | 99       |
| 71) 1,1,2,2-Tetrachloroethane | 11.250 | 83   | 116912   | 20.57  | ug/l  | 100      |
| 72) 1,2,3-Trichloropropane    | 11.280 | 75   | 108878m  | 20.52  | ug/l  |          |
| 73) Bromobenzene              | 11.238 | 156  | 85908    | 20.55  | ug/l  | 99       |
| 74) n-propylbenzene           | 11.341 | 91   | 392244   | 20.65  | ug/l  | 100      |
| 75) 2-Chlorotoluene           | 11.402 | 91   | 237959   | 20.64  | ug/l  | 99       |
| 76) 1,3,5-Trimethylbenzene    | 11.488 | 105  | 289579   | 20.80  | ug/l  | 99       |
| 77) t-1,4-Dichloro-2-butene   | 11.055 | 75   | 35917    | 18.76  | ug/l  | 98       |
| 78) 4-Chlorotoluene           | 11.494 | 91   | 275812   | 20.69  | ug/l  | 99       |
| 79) tert-butylbenzene         | 11.756 | 119  | 279075   | 20.48  | ug/l  | 98       |
| 80) 1,2,4-Trimethylbenzene    | 11.792 | 105  | 286812   | 20.52  | ug/l  | 100      |
| 81) sec-Butylbenzene          | 11.927 | 105  | 322954   | 20.48  | ug/l  | 99       |
| 82) p-Isopropyltoluene        | 12.049 | 119  | 298198   | 20.62  | ug/l  | 99       |
| 83) 1,3-Dichlorobenzene       | 12.006 | 146  | 154330   | 20.47  | ug/l  | 99       |
| 84) 1,4-Dichlorobenzene       | 12.079 | 146  | 157358   | 20.75  | ug/l  | 100      |
| 85) n-Butylbenzene            | 12.372 | 91   | 254355   | 20.01  | ug/l  | 100      |
| 86) Hexachloroethane          | 12.579 | 117  | 49628    | 19.50  | ug/l  | 99       |
| 87) 1,2-Dichlorobenzene       | 12.372 | 146  | 153373   | 20.70  | ug/l  | 98       |
| 88) 1,2-Dibromo-3-Chloropr... | 12.981 | 75   | 24355    | 19.70  | ug/l  | 96       |
| 89) 1,2,4-Trichlorobenzene    | 13.627 | 180  | 96427    | 19.72  | ug/l  | 98       |
| 90) Hexachlorobutadiene       | 13.768 | 225  | 43629    | 20.40  | ug/l  | 97       |
| 91) Naphthalene               | 13.816 | 128  | 315170   | 19.68  | ug/l  | 100      |
| 92) 1,2,3-Trichlorobenzene    | 13.999 | 180  | 96092    | 20.01  | ug/l  | 98       |

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

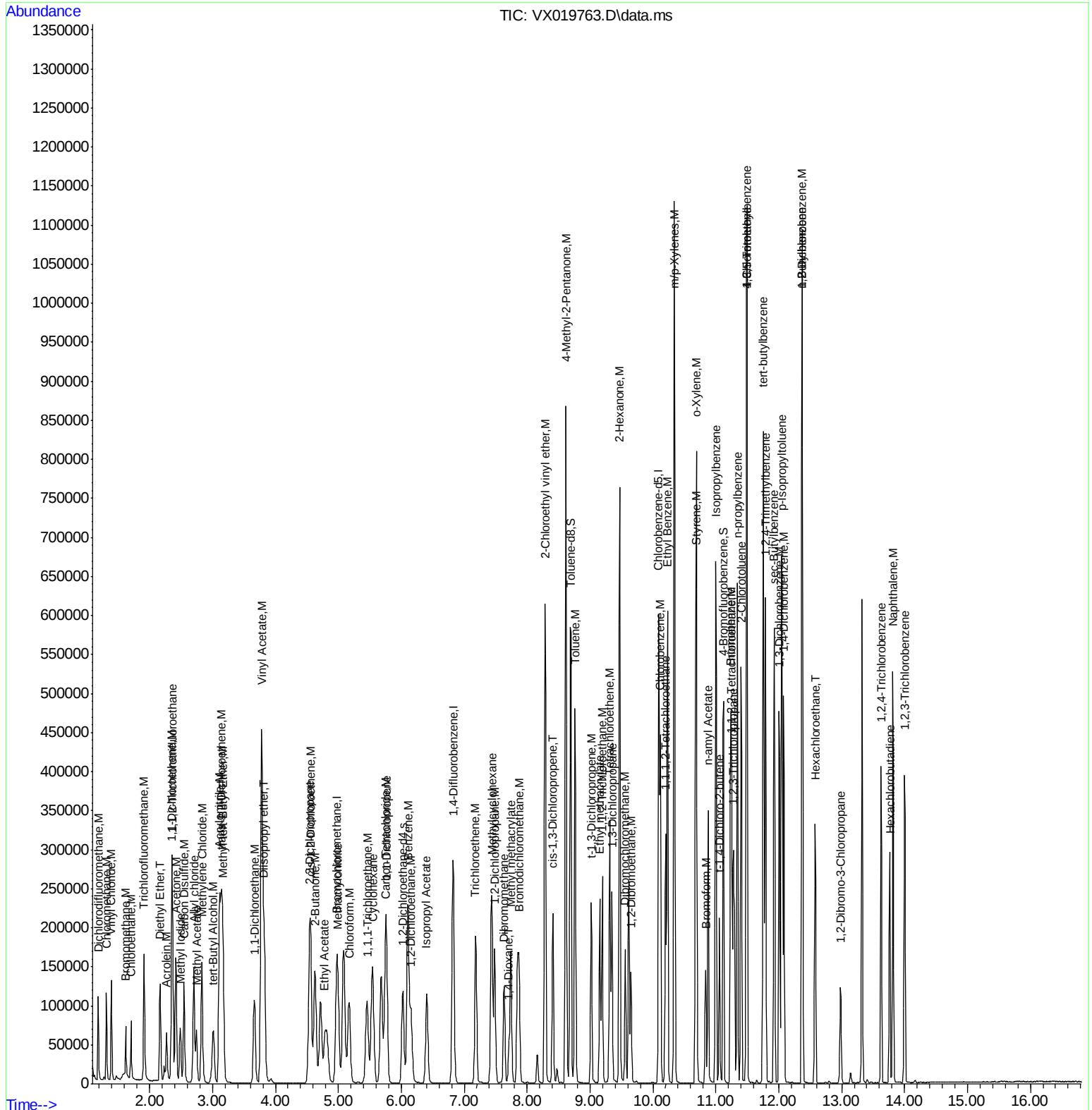
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Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120820\  
Data File : VX019763.D  
Acq On    : 08 Dec 2020  16:36  
Operator  : JC/MD  
Sample    : VX1208WBS01  
Misc      : 5.0mL/MSVOA_X/WATER  
ALS Vial  : 10    Sample Multiplier: 1
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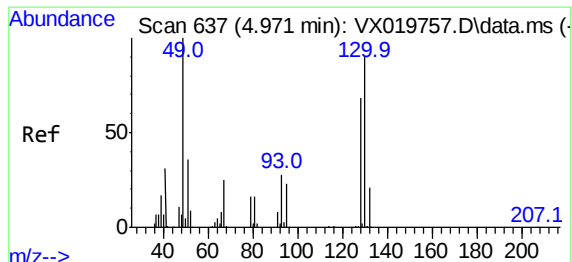
**Instrument :**  
MSVOA\_X  
**ClientSampleId :**  
VX1208WBS01

## Manual Integrations

MMDadoda  
12/10/2020 10:17:58 AM

Quant Time: Dec 09 06:18:26 2020  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\624X120820W.M  
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
QLast Update : Wed Dec 09 06:09:21 2020  
Response via : Initial Calibration





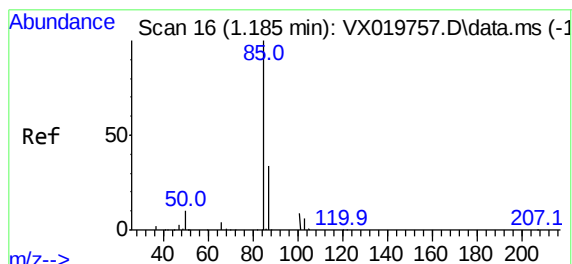
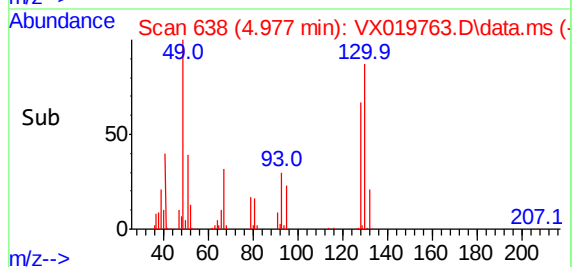
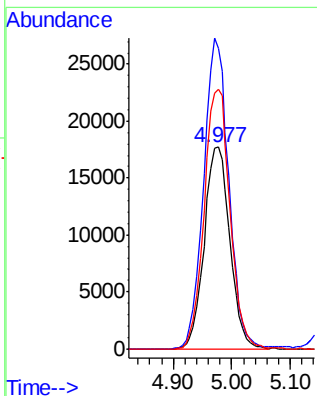
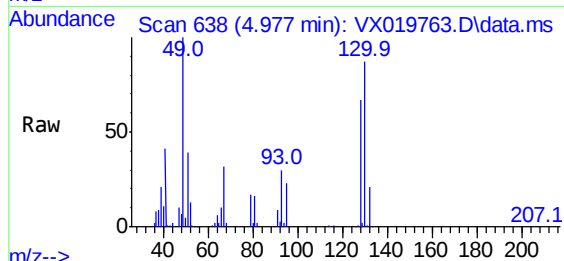
#1  
Bromochloromethane  
Concen: 30.00 ug/l  
RT: 4.977 min Scan# 638  
Delta R.T. 0.006 min  
Lab File: VX019763.D  
Acq: 08 Dec 2020 16:36

Tgt Ion:128 Resp: 53751  
Ion Ratio Lower Upper  
128 100  
49 150.3 0.0 367.5  
130 129.8 0.0 318.8

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1208WBS01

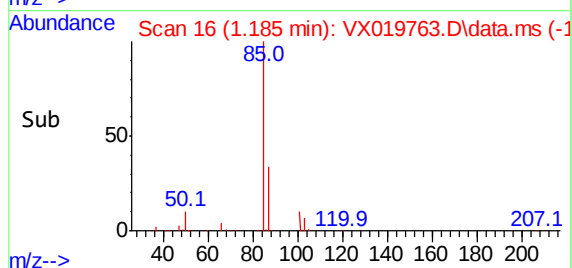
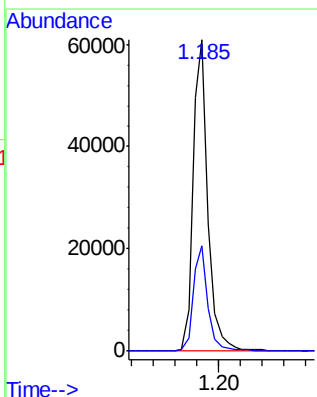
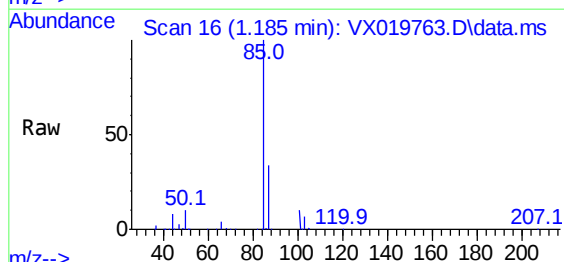
Manual Integrations  
APPROVED

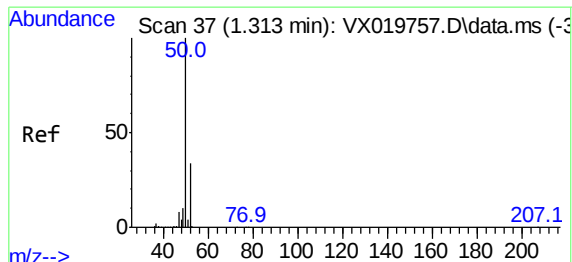
MMDadoda  
12/10/2020 10:17:58 AM



#2  
Dichlorodifluoromethane  
Concen: 20.02 ug/l  
RT: 1.185 min Scan# 16  
Delta R.T. -0.000 min  
Lab File: VX019763.D  
Acq: 08 Dec 2020 16:36

Tgt Ion: 85 Resp: 57183  
Ion Ratio Lower Upper  
85 100  
87 33.5 16.8 50.4





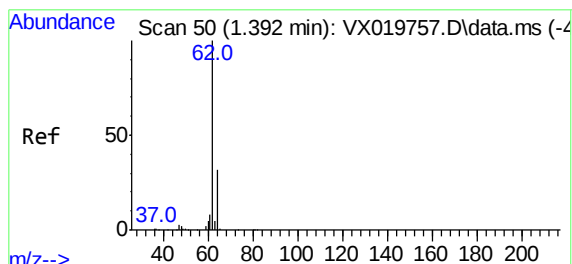
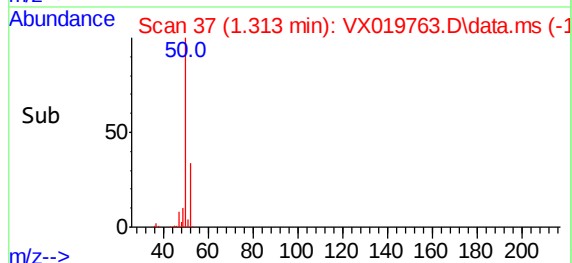
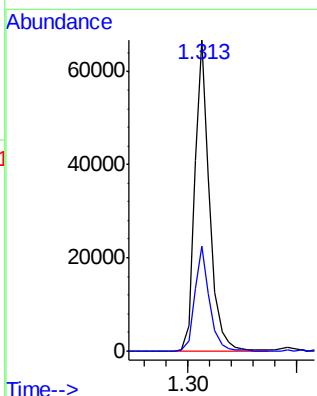
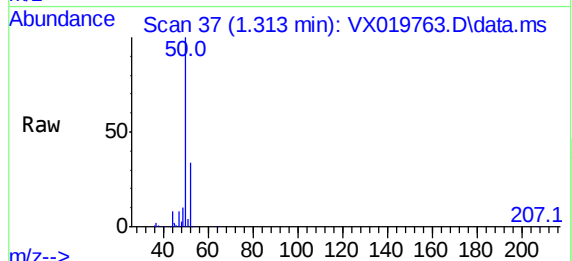
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Chloromethane  
Concen: 20.52 ug/l  
RT: 1.313 min Scan# 37  
Delta R.T. -0.000 min  
Lab File: VX019763.D  
Acq: 08 Dec 2020 16:36

Tgt Ion: 50 Resp: 62551  
Ion Ratio Lower Upper  
50 100  
52 33.6 26.9 40.3

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1208WBS01

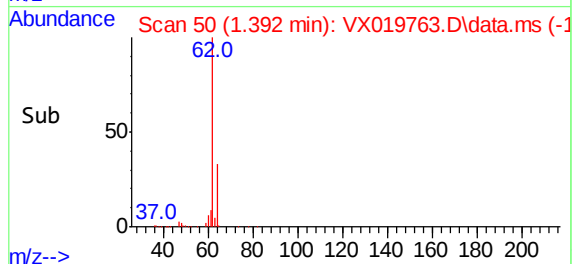
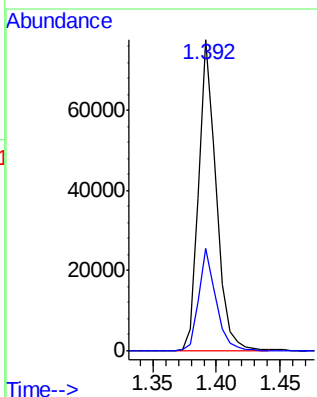
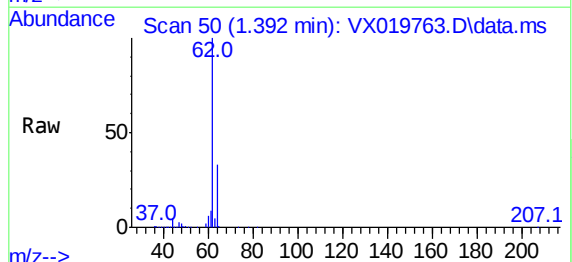
Manual Integrations  
APPROVED

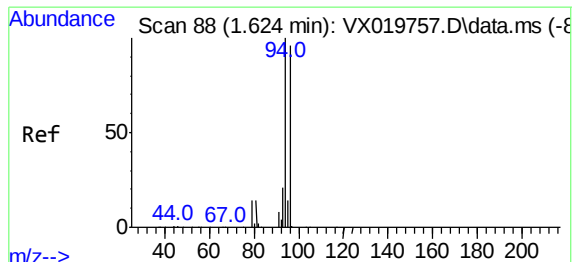
MMDadoda  
12/10/2020 10:17:58 AM



#4  
Vinyl Chloride  
Concen: 20.57 ug/l  
RT: 1.392 min Scan# 50  
Delta R.T. -0.000 min  
Lab File: VX019763.D  
Acq: 08 Dec 2020 16:36

Tgt Ion: 62 Resp: 72542  
Ion Ratio Lower Upper  
62 100  
64 32.7 25.4 38.2





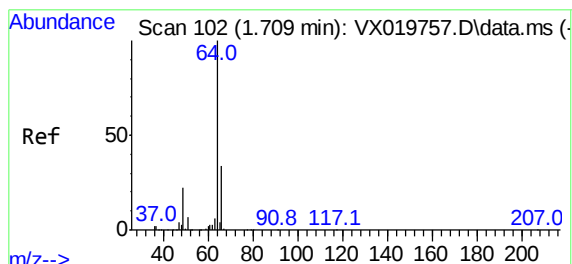
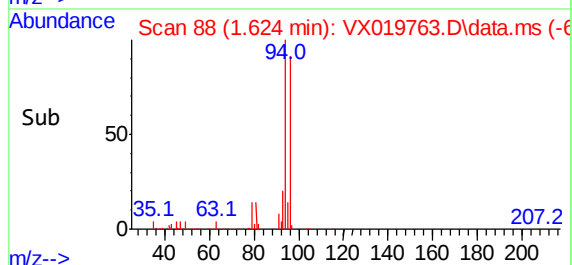
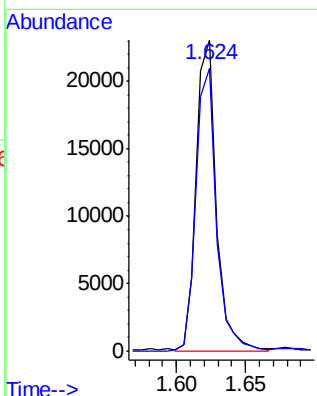
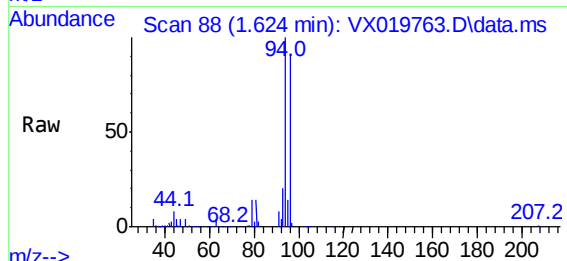
#5  
Bromomethane  
Concen: 16.99 ug/l  
RT: 1.624 min Scan# 88  
Delta R.T. -0.000 min  
Lab File: VX019763.D  
Acq: 08 Dec 2020 16:36

Tgt Ion: 94 Resp: 23194  
Ion Ratio Lower Upper  
94 100  
96 91.2 76.6 114.8

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1208WBS01

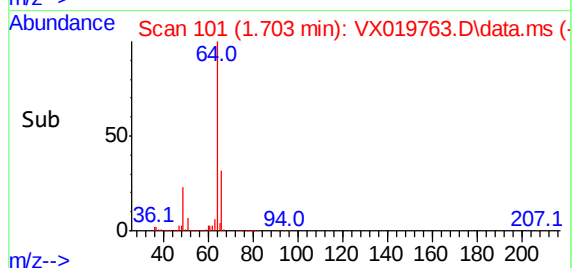
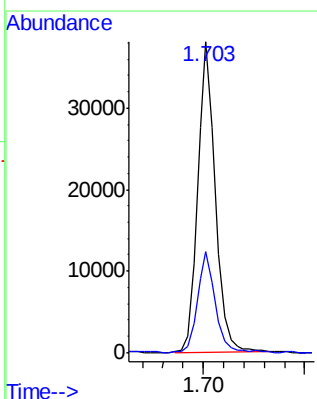
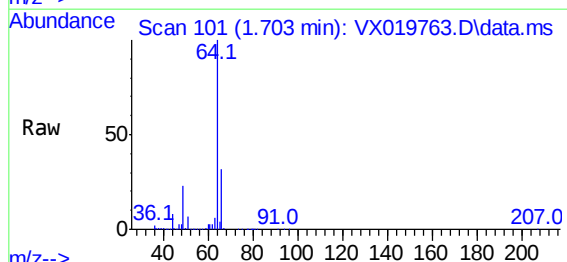
Manual Integrations  
APPROVED

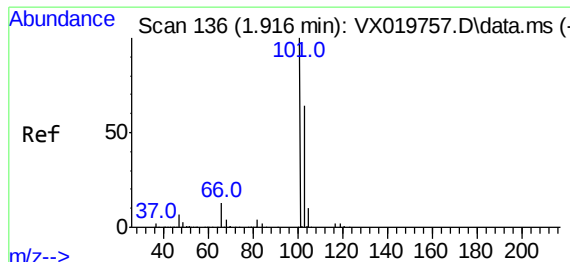
MMDadoda  
12/10/2020 10:17:58 AM



#6  
Chloroethane  
Concen: 20.76 ug/l  
RT: 1.703 min Scan# 101  
Delta R.T. -0.006 min  
Lab File: VX019763.D  
Acq: 08 Dec 2020 16:36

Tgt Ion: 64 Resp: 46179  
Ion Ratio Lower Upper  
64 100  
66 32.3 27.4 41.2





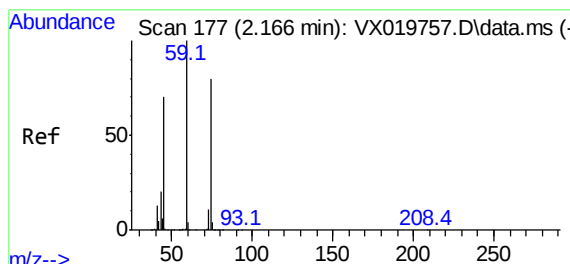
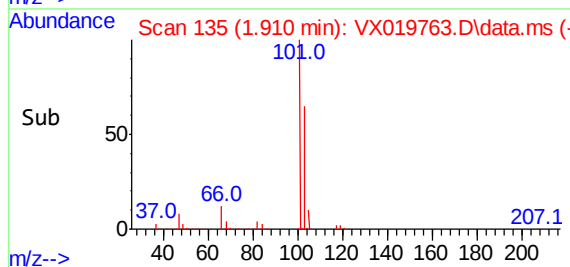
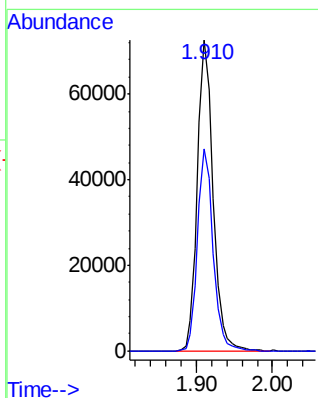
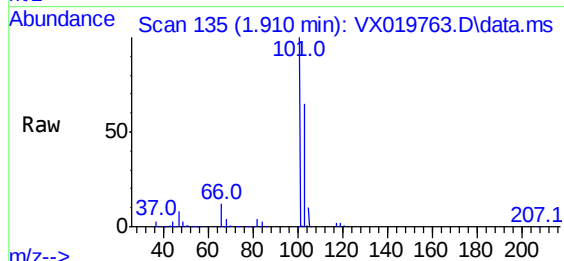
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Trichlorofluoromethane  
Concen: 20.87 ug/l  
RT: 1.910 min Scan# 135  
Delta R.T. -0.006 min  
Lab File: VX019763.D  
Acq: 08 Dec 2020 16:36

Tgt Ion:101 Resp: 103696  
Ion Ratio Lower Upper  
101 100  
103 64.8 51.4 77.2

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1208WBS01

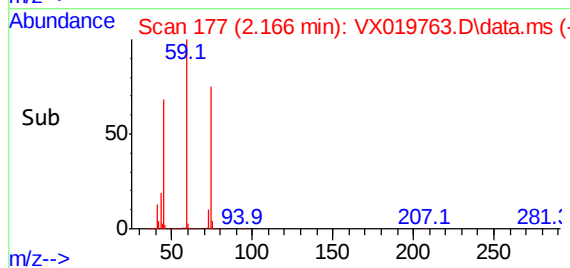
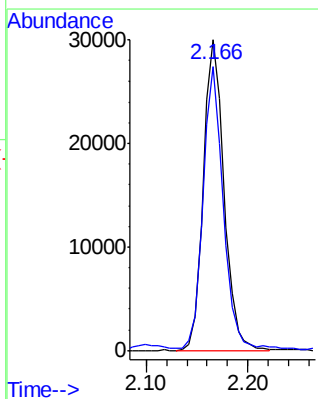
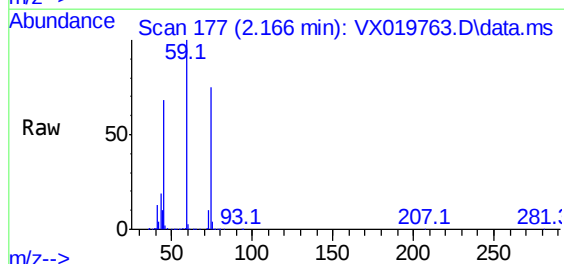
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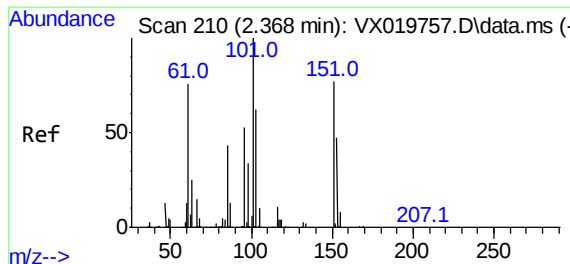
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#8  
Diethyl Ether  
Concen: 20.53 ug/l  
RT: 2.166 min Scan# 177  
Delta R.T. -0.000 min  
Lab File: VX019763.D  
Acq: 08 Dec 2020 16:36

Tgt Ion: 74 Resp: 42353  
Ion Ratio Lower Upper  
74 100  
45 88.6 17.3 155.7





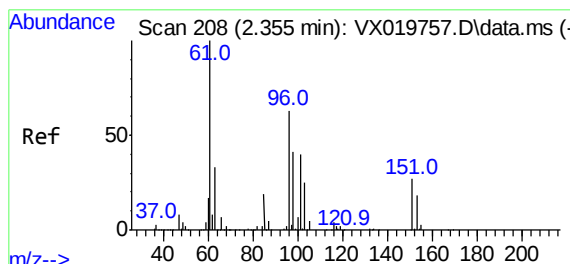
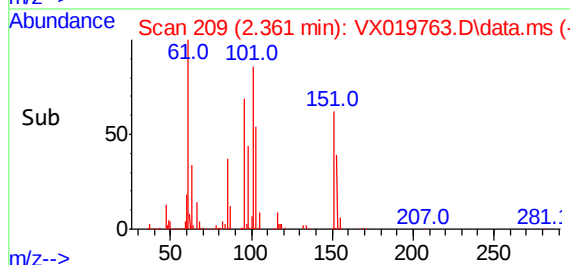
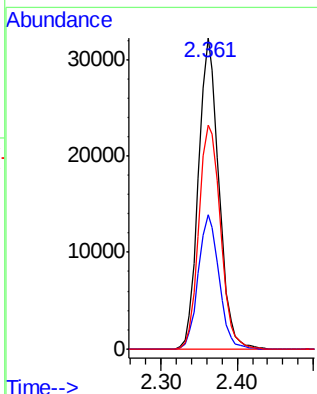
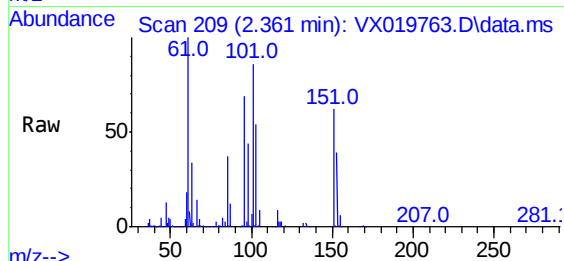
#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 20.84 ug/l  
RT: 2.361 min Scan# 209  
Delta R.T. -0.006 min  
Lab File: VX019763.D  
Acq: 08 Dec 2020 16:36

Tgt Ion: 101 Resp: 59575  
Ion Ratio Lower Upper  
101 100  
85 43.7 0.0 88.0  
151 76.3 0.0 151.8

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1208WBS01

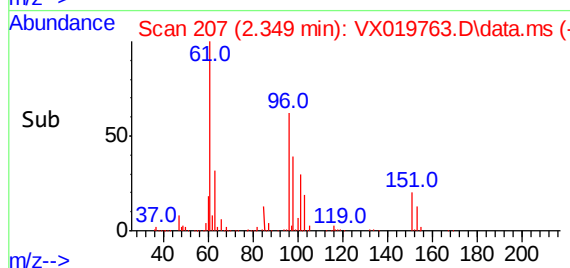
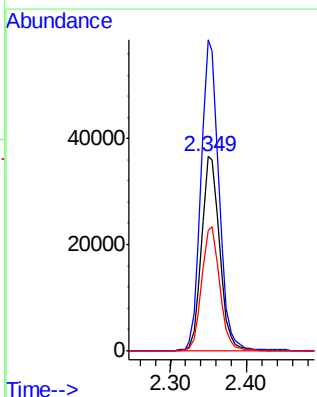
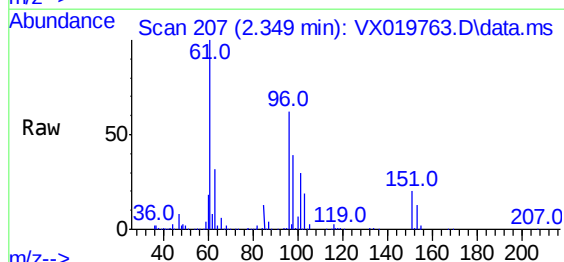
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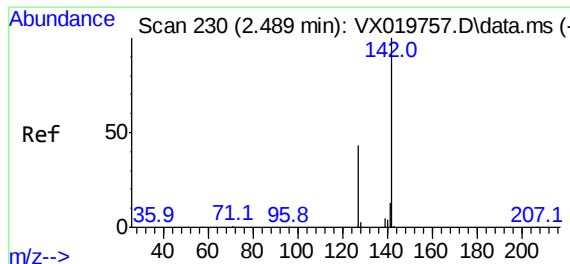
MMDadoda  
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#10  
1,1-Dichloroethene  
Concen: 20.54 ug/l  
RT: 2.349 min Scan# 207  
Delta R.T. -0.006 min  
Lab File: VX019763.D  
Acq: 08 Dec 2020 16:36

Tgt Ion: 96 Resp: 59600  
Ion Ratio Lower Upper  
96 100  
61 160.3 126.1 189.1  
98 61.9 51.3 76.9





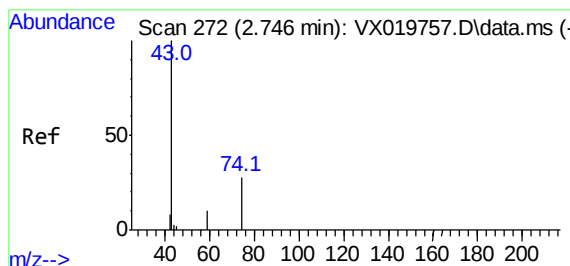
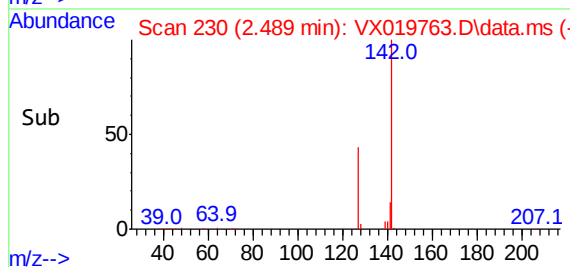
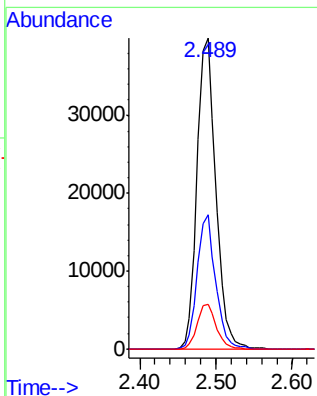
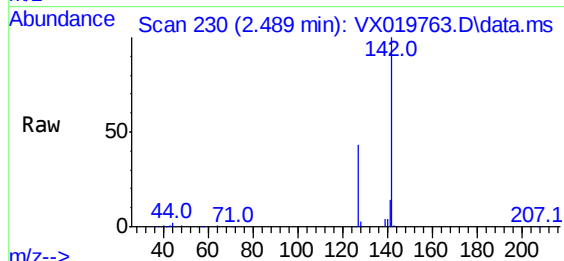
#11  
Methyl Iodide  
Concen: 17.96 ug/l  
RT: 2.489 min Scan# 230  
Delta R.T. -0.000 min  
Lab File: VX019763.D  
Acq: 08 Dec 2020 16:36

Tgt Ion:142 Resp: 68113  
Ion Ratio Lower Upper  
142 100  
127 43.2 21.4 64.2  
141 14.4 6.5 19.4

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1208WBS01

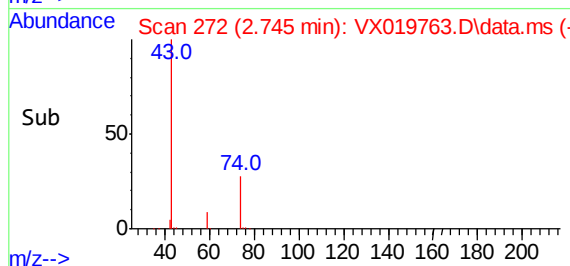
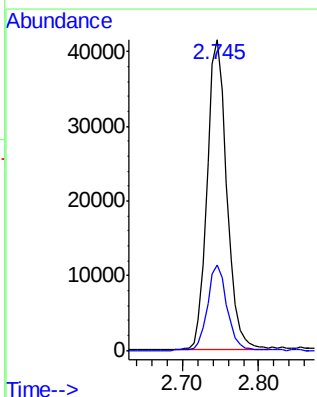
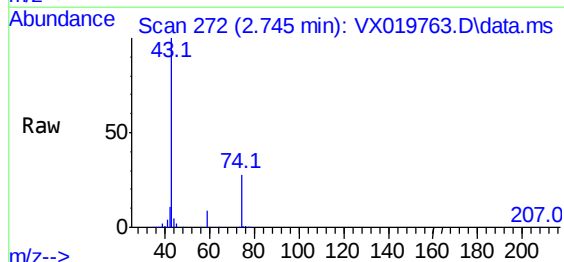
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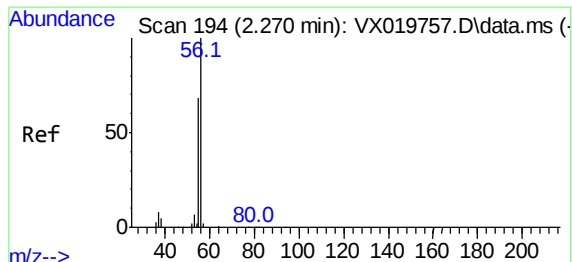
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#12  
Methyl Acetate  
Concen: 19.65 ug/l  
RT: 2.745 min Scan# 272  
Delta R.T. -0.000 min  
Lab File: VX019763.D  
Acq: 08 Dec 2020 16:36

Tgt Ion: 43 Resp: 74229  
Ion Ratio Lower Upper  
43 100  
74 27.5 22.8 34.2





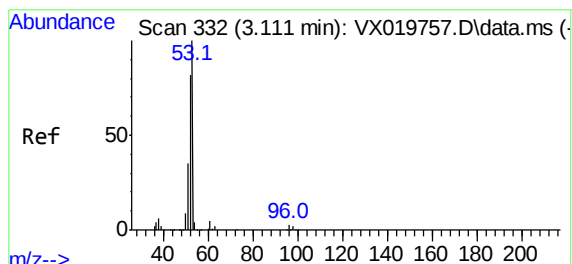
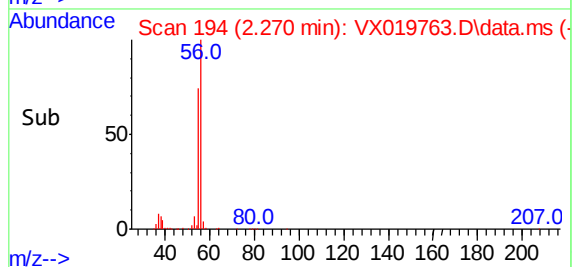
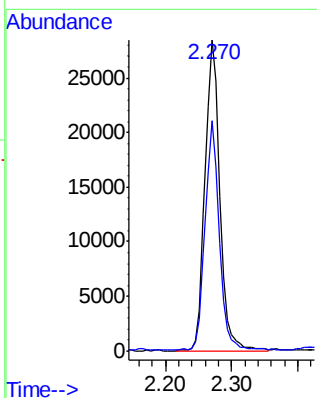
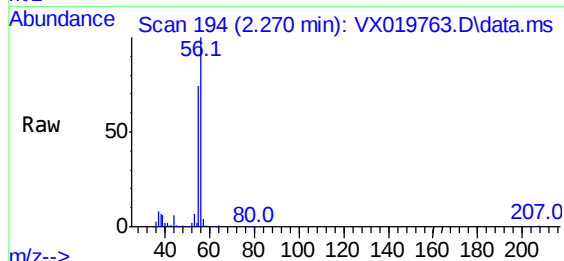
#13  
Acrolein  
Concen: 83.18 ug/l  
RT: 2.270 min Scan# 194  
Delta R.T. -0.000 min  
Lab File: VX019763.D  
Acq: 08 Dec 2020 16:36

Tgt Ion: 56 Resp: 44525  
Ion Ratio Lower Upper  
56 100  
55 69.8 56.3 84.5

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1208WBS01

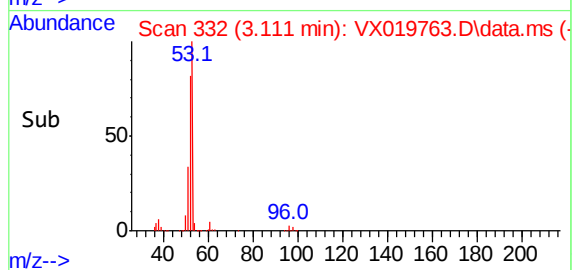
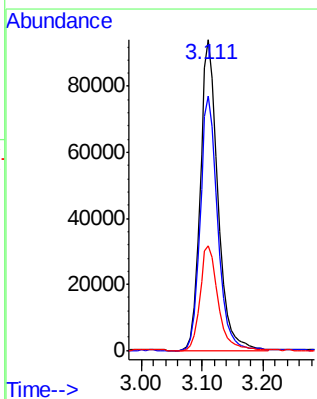
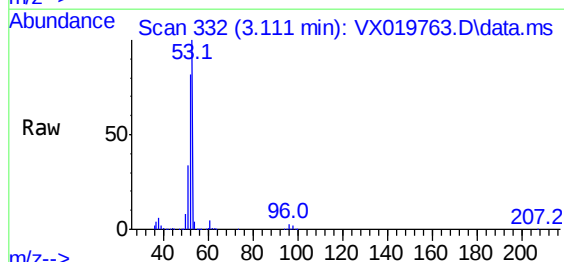
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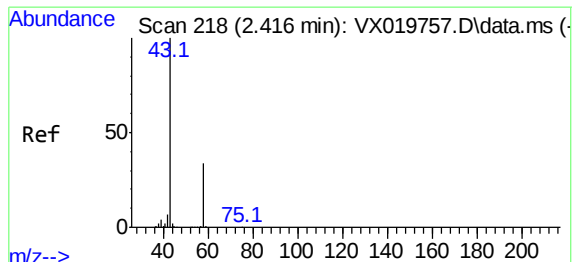
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#14  
Acrylonitrile  
Concen: 103.72 ug/l  
RT: 3.111 min Scan# 332  
Delta R.T. -0.000 min  
Lab File: VX019763.D  
Acq: 08 Dec 2020 16:36

Tgt Ion: 53 Resp: 190463  
Ion Ratio Lower Upper  
53 100  
52 81.4 41.1 123.3  
51 34.8 17.6 52.9



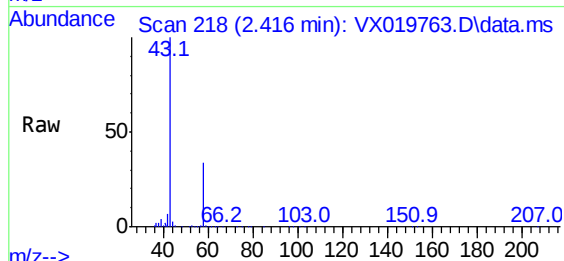


#15  
Acetone  
Concen: 101.12 ug/l  
RT: 2.416 min Scan# 218  
Delta R.T. -0.000 min  
Lab File: VX019763.D  
Acq: 08 Dec 2020 16:36

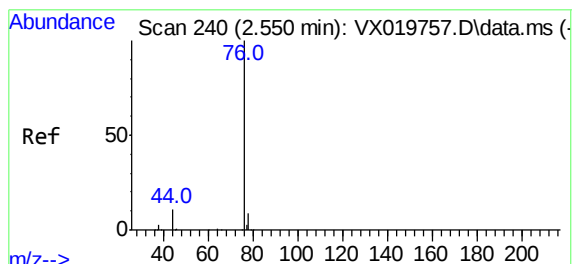
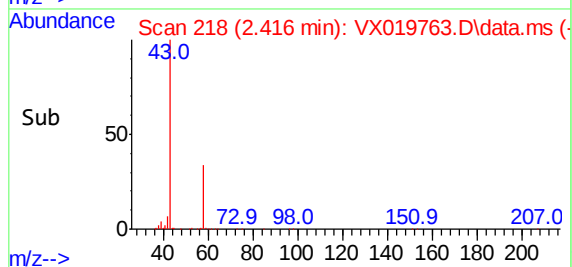
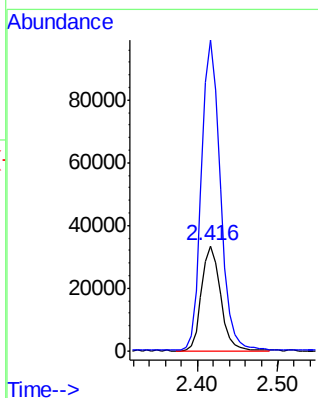
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1208WBS01

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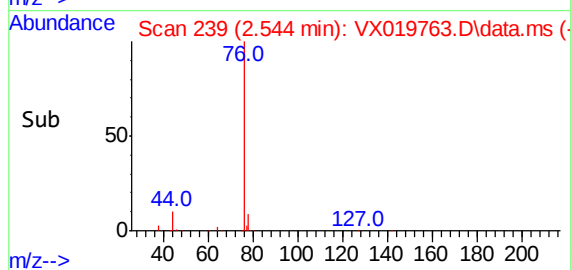
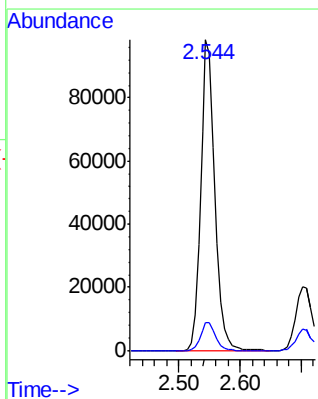
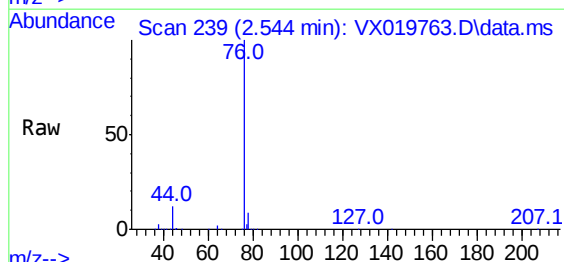


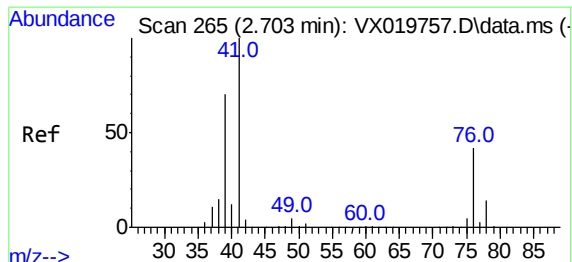
Tgt Ion: 58 Resp: 55253  
Ion Ratio Lower Upper  
58 100  
43 295.6 232.6 348.8



#16  
Carbon Disulfide  
Concen: 20.15 ug/l  
RT: 2.544 min Scan# 239  
Delta R.T. -0.006 min  
Lab File: VX019763.D  
Acq: 08 Dec 2020 16:36

Tgt Ion: 76 Resp: 159999  
Ion Ratio Lower Upper  
76 100  
78 9.0 7.4 11.0





#17  
 Allyl chloride  
 Concen: 20.40 ug/l  
 RT: 2.703 min Scan# 265  
 Delta R.T. -0.000 min  
 Lab File: VX019763.D  
 Acq: 08 Dec 2020 16:36

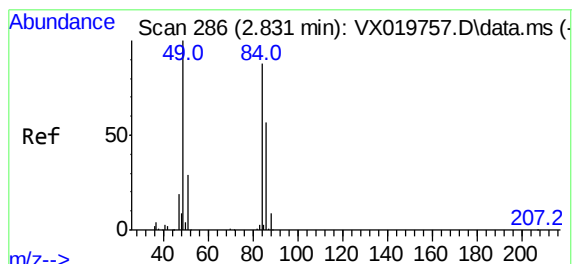
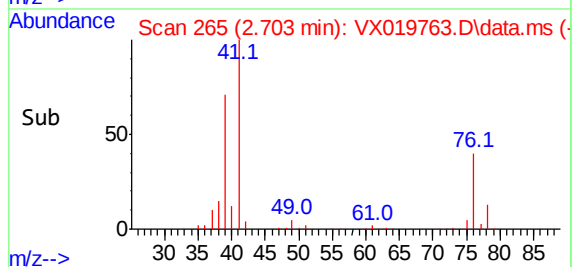
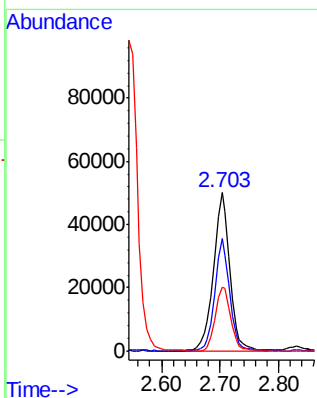
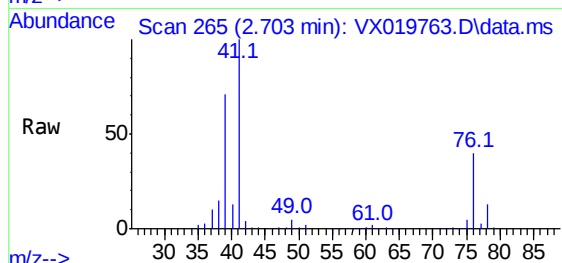
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX1208WBS01

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Tgt Ion: 41 Resp: 97432  

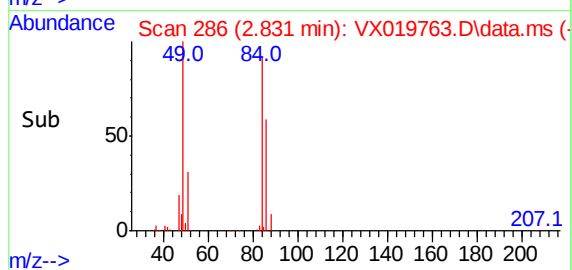
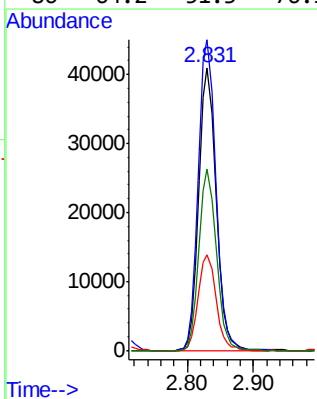
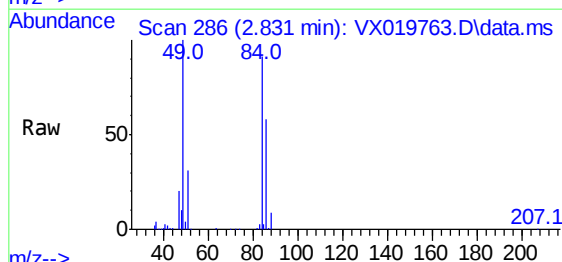
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 41  | 100   |       |       |
| 39  | 70.6  | 34.8  | 104.4 |
| 76  | 39.8  | 21.3  | 63.9  |

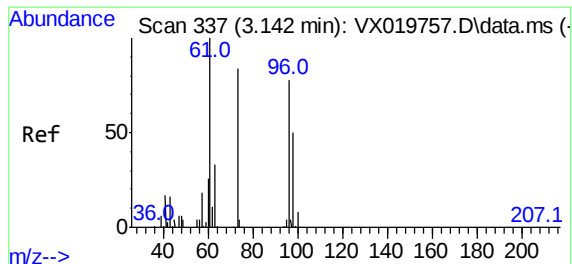


#18  
 Methylene Chloride  
 Concen: 20.69 ug/l  
 RT: 2.831 min Scan# 286  
 Delta R.T. -0.000 min  
 Lab File: VX019763.D  
 Acq: 08 Dec 2020 16:36

Tgt Ion: 84 Resp: 74051  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 84  | 100   |       |       |
| 49  | 109.8 | 90.6  | 136.0 |
| 51  | 33.8  | 26.3  | 39.5  |
| 86  | 64.2  | 51.3  | 76.9  |





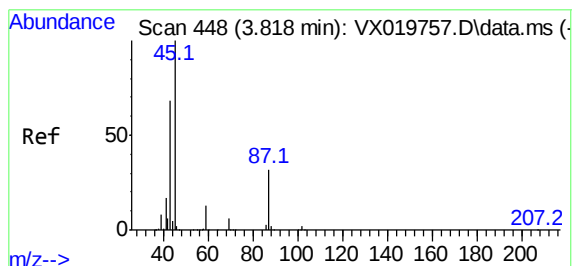
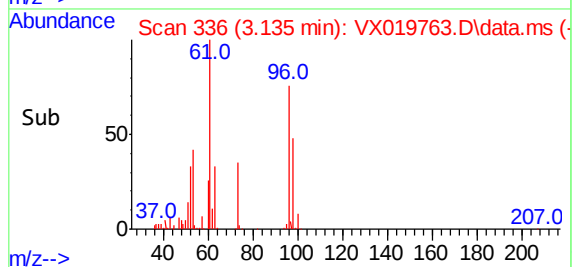
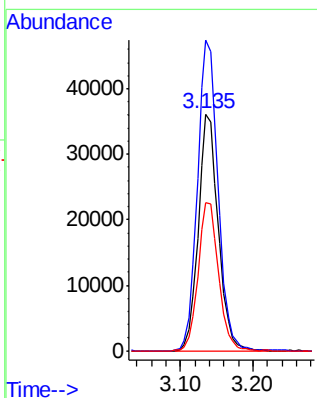
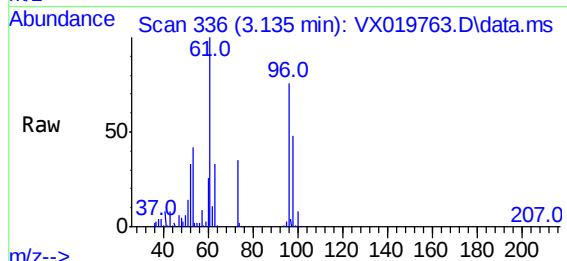
#19  
trans-1,2-Dichloroethene  
Concen: 20.48 ug/l  
RT: 3.135 min Scan# 336  
Delta R.T. -0.006 min  
Lab File: VX019763.D  
Acq: 08 Dec 2020 16:36

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1208WBS01

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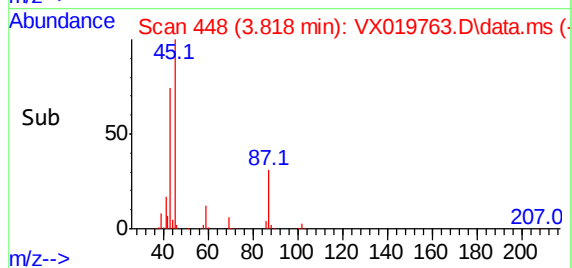
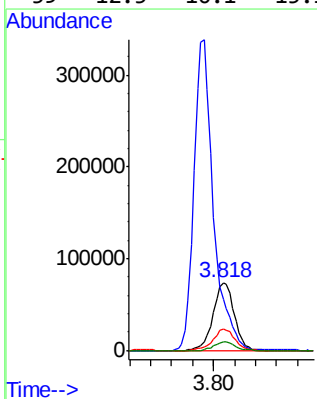
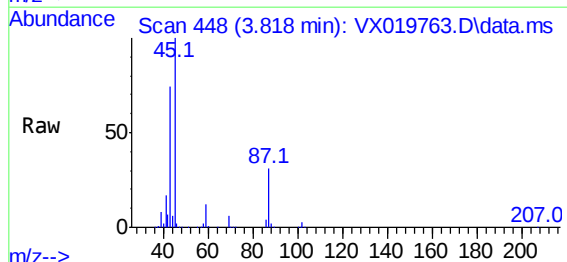
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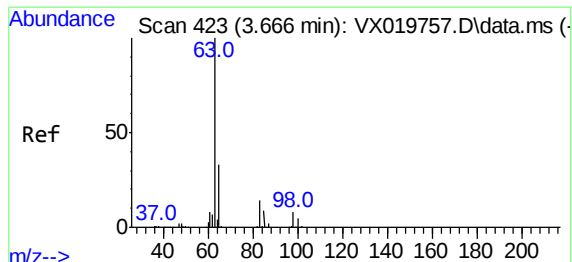
Tgt Ion: 96 Resp: 68916  
Ion Ratio Lower Upper  
96 100  
61 130.9 103.0 154.4  
98 62.6 51.8 77.6



#20  
Diisopropyl ether  
Concen: 20.63 ug/l  
RT: 3.818 min Scan# 448  
Delta R.T. -0.000 min  
Lab File: VX019763.D  
Acq: 08 Dec 2020 16:36

Tgt Ion: 45 Resp: 204453  
Ion Ratio Lower Upper  
45 100  
43 73.9 56.0 84.0  
87 31.2 25.4 38.0  
59 12.5 10.1 15.1





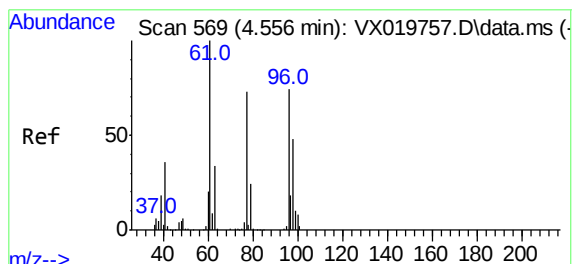
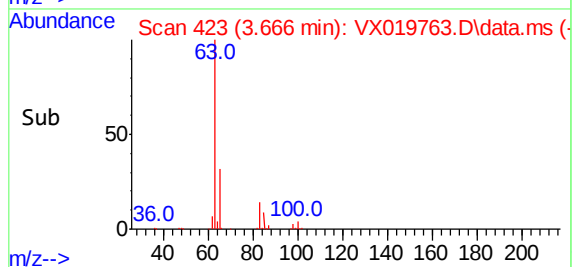
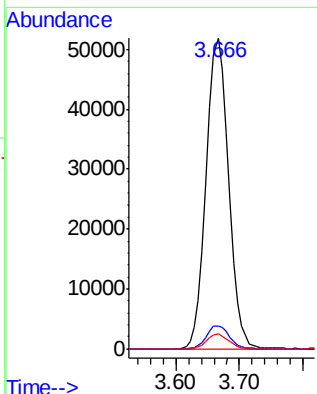
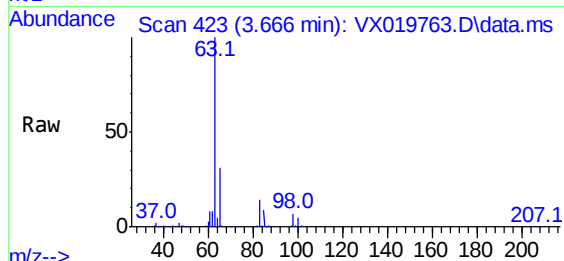
#21  
1,1-Dichloroethane  
Concen: 20.73 ug/l  
RT: 3.666 min Scan# 423  
Delta R.T. -0.000 min  
Lab File: VX019763.D  
Acq: 08 Dec 2020 16:36

Tgt Ion: 63 Resp: 123018  
Ion Ratio Lower Upper  
63 100  
98 7.4 3.9 11.7  
100 4.6 2.5 7.4

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1208WBS01

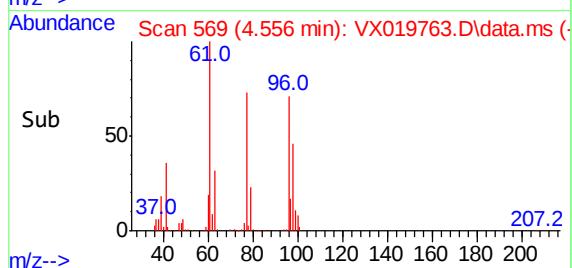
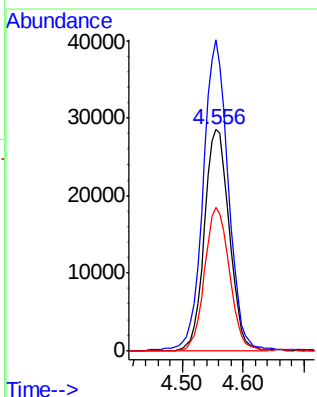
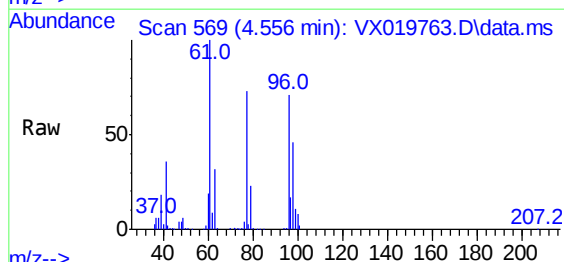
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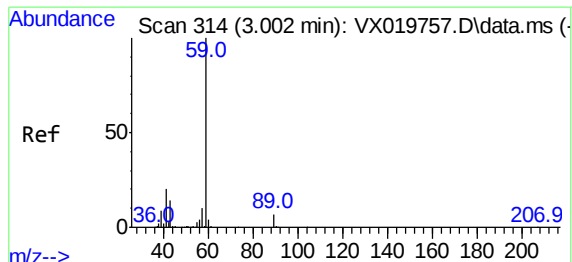
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#22  
cis-1,2-Dichloroethene  
Concen: 20.55 ug/l  
RT: 4.556 min Scan# 569  
Delta R.T. -0.000 min  
Lab File: VX019763.D  
Acq: 08 Dec 2020 16:36

Tgt Ion: 96 Resp: 79944  
Ion Ratio Lower Upper  
96 100  
61 141.8 114.1 171.1  
98 64.6 51.8 77.8



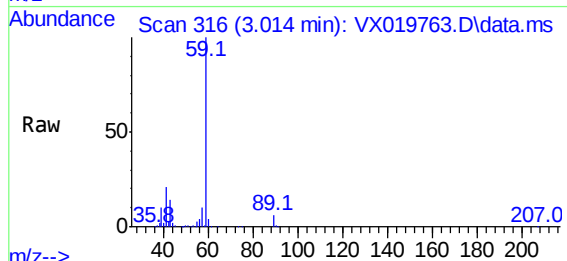


#23  
tert-Butyl Alcohol  
Concen: 102.64 ug/l  
RT: 3.014 min Scan# 316  
Delta R.T. 0.012 min  
Lab File: VX019763.D  
Acq: 08 Dec 2020 16:36

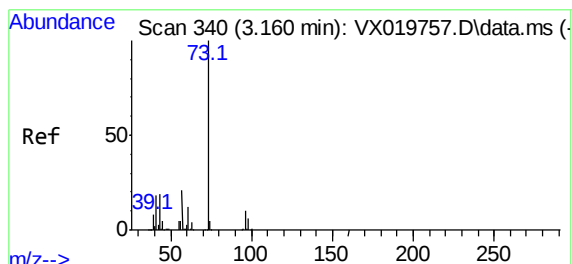
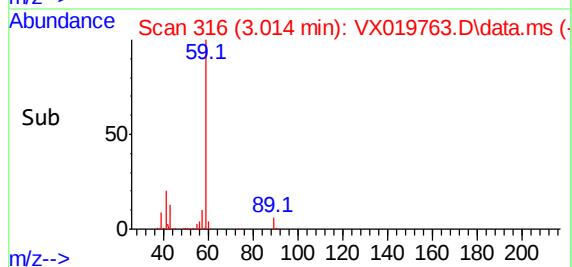
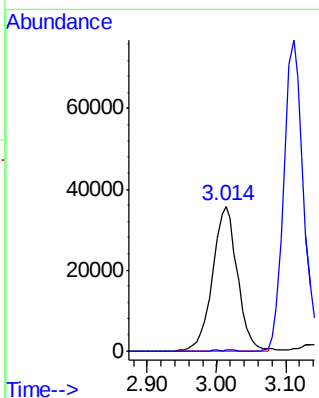
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1208WBS01

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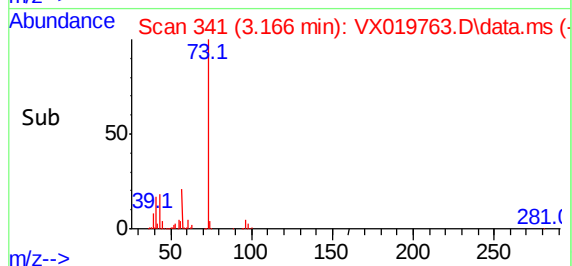
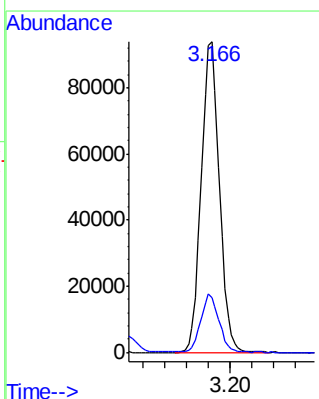
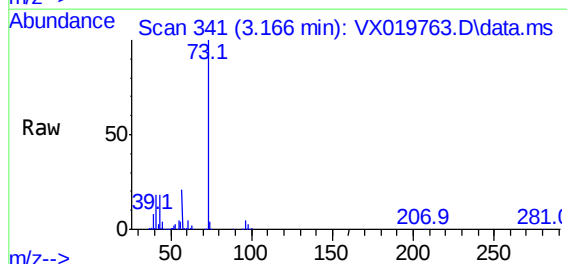


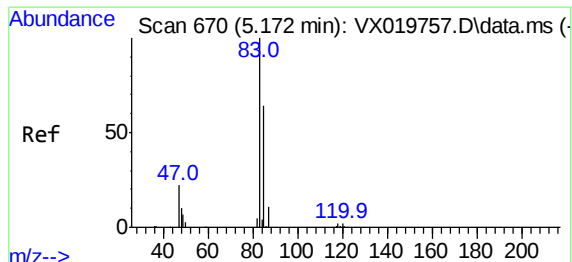
Tgt Ion: 59 Resp: 88752  
Ion Ratio Lower Upper  
59 100  
52 0.2 0.1 0.1#



#24  
Methyl tert-Butyl Ether  
Concen: 20.56 ug/l  
RT: 3.166 min Scan# 341  
Delta R.T. 0.006 min  
Lab File: VX019763.D  
Acq: 08 Dec 2020 16:36

Tgt Ion: 73 Resp: 217142  
Ion Ratio Lower Upper  
73 100  
43 18.6 14.9 22.3





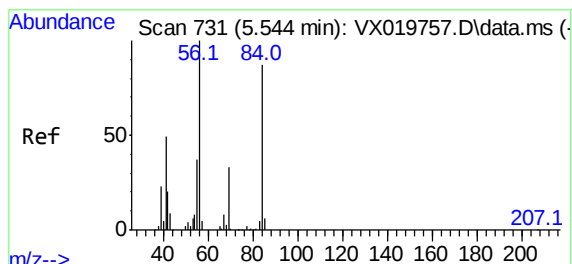
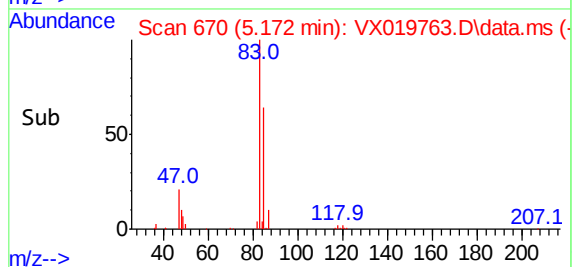
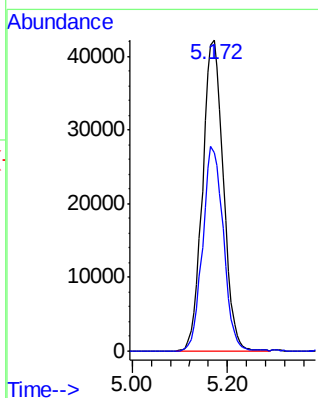
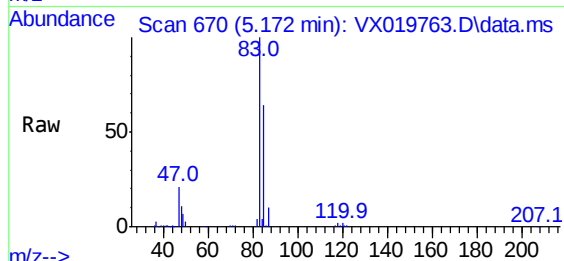
#25  
Chloroform  
Concen: 20.73 ug/l  
RT: 5.172 min Scan# 670  
Delta R.T. -0.000 min  
Lab File: VX019763.D  
Acq: 08 Dec 2020 16:36

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1208WBS01

Tgt Ion: 83 Resp: 126922  
Ion Ratio Lower Upper  
83 100  
85 63.8 51.2 76.8

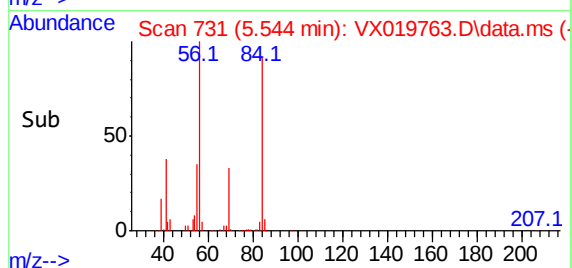
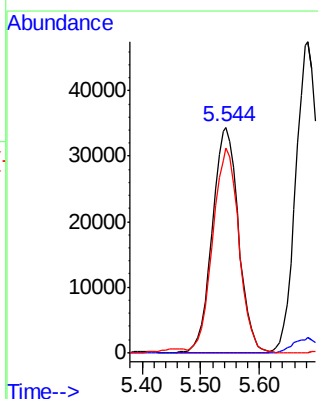
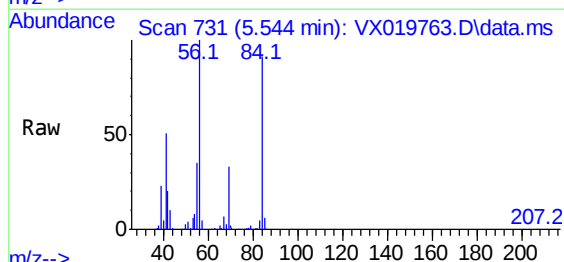
Manual Integrations  
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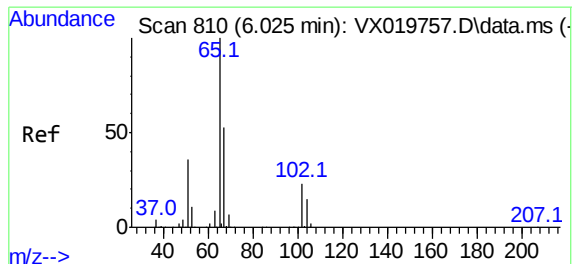
MMDadoda  
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#26  
Cyclohexane  
Concen: 20.94 ug/l  
RT: 5.544 min Scan# 731  
Delta R.T. -0.000 min  
Lab File: VX019763.D  
Acq: 08 Dec 2020 16:36

Tgt Ion: 56 Resp: 106671  
Ion Ratio Lower Upper  
56 100  
89 0.0 0.0 0.0  
84 90.9 74.1 111.1





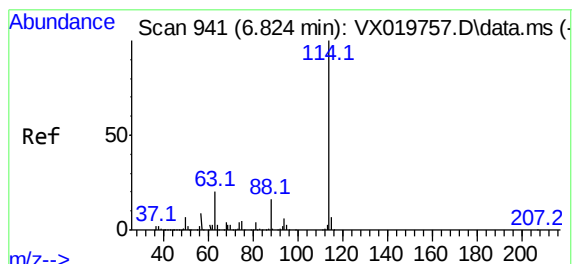
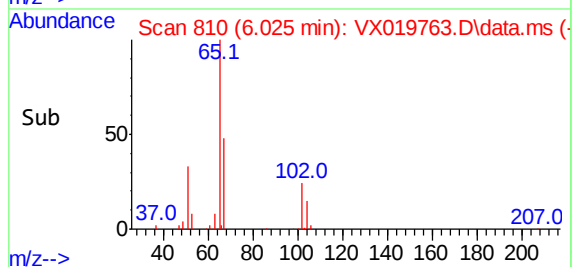
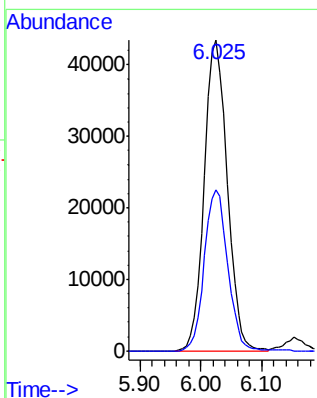
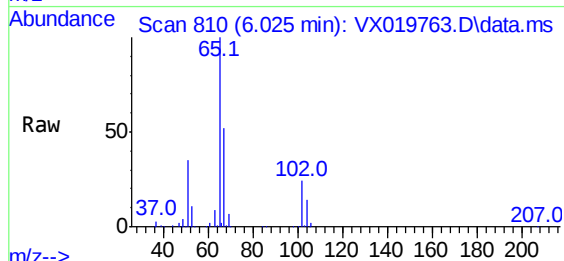
#27  
1,2-Dichloroethane-d4  
Concen: 30.43 ug/l  
RT: 6.025 min Scan# 810  
Delta R.T. -0.000 min  
Lab File: VX019763.D  
Acq: 08 Dec 2020 16:36

Tgt Ion: 65 Resp: 113365  
Ion Ratio Lower Upper  
65 100  
67 52.3 41.9 62.9

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1208WBS01

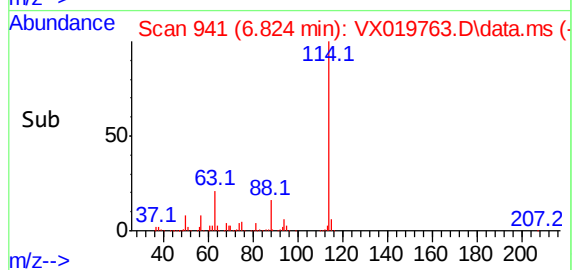
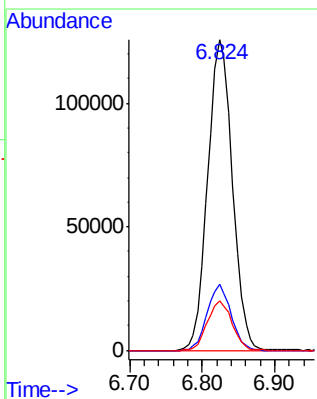
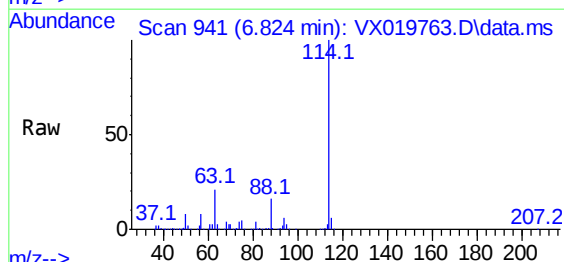
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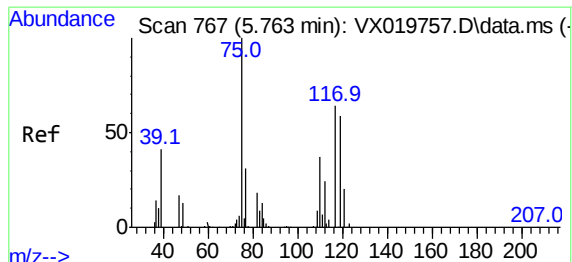
MMDadoda  
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#28  
1,4-Difluorobenzene  
Concen: 30.00 ug/l  
RT: 6.824 min Scan# 941  
Delta R.T. -0.000 min  
Lab File: VX019763.D  
Acq: 08 Dec 2020 16:36

Tgt Ion:114 Resp: 295342  
Ion Ratio Lower Upper  
114 100  
63 20.5 16.2 24.2  
88 16.0 13.0 19.6



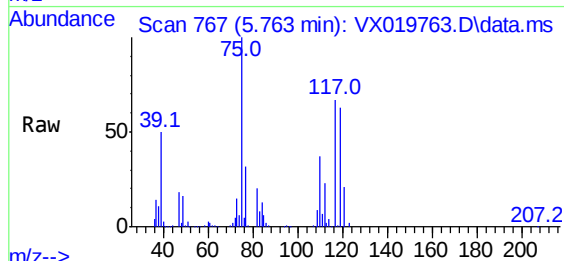


#29  
1,1-Dichloropropene  
Concen: 20.62 ug/l  
RT: 5.763 min Scan# 767  
Delta R.T. -0.000 min  
Lab File: VX019763.D  
Acq: 08 Dec 2020 16:36

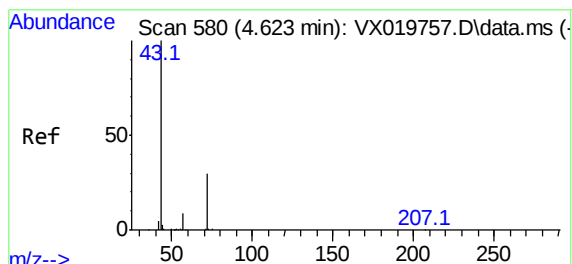
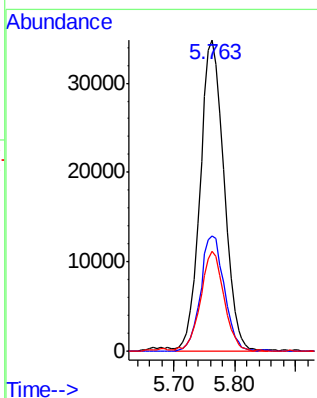
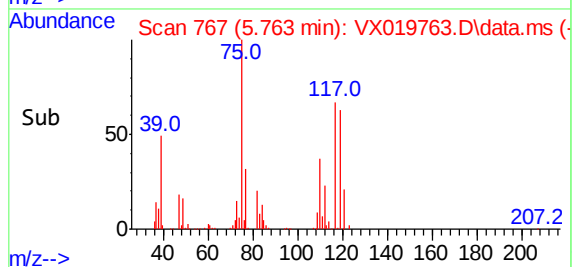
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1208WBS01

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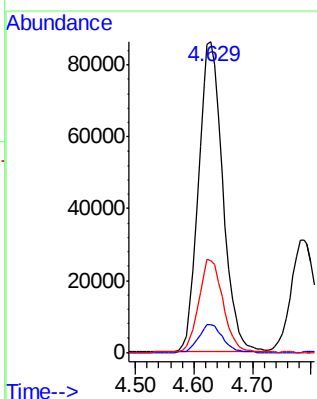
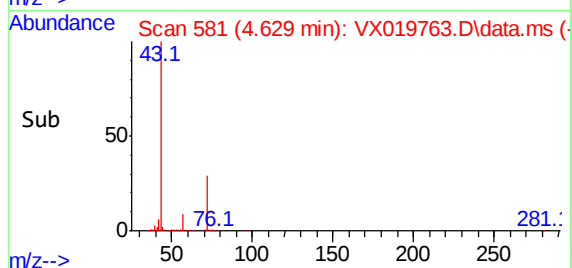
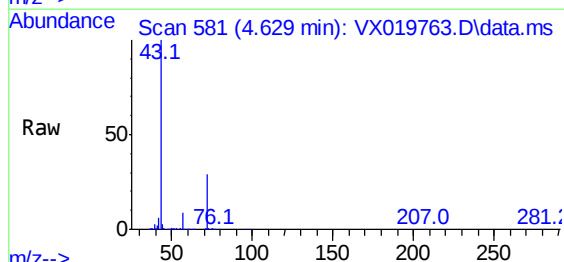


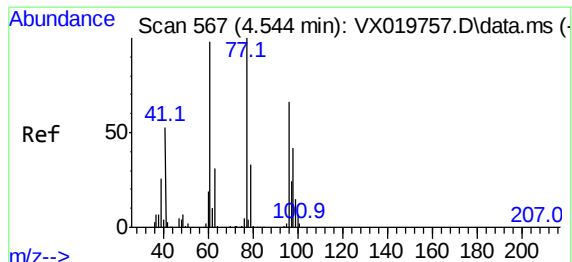
Tgt Ion: 75 Resp: 94515  
Ion Ratio Lower Upper  
75 100  
110 36.8 0.0 72.4  
77 31.2 0.0 62.4



#30  
2-Butanone  
Concen: 100.96 ug/l  
RT: 4.629 min Scan# 581  
Delta R.T. 0.006 min  
Lab File: VX019763.D  
Acq: 08 Dec 2020 16:36

Tgt Ion: 43 Resp: 245185  
Ion Ratio Lower Upper  
43 100  
57 9.0 7.2 10.8  
72 29.6 23.7 35.5





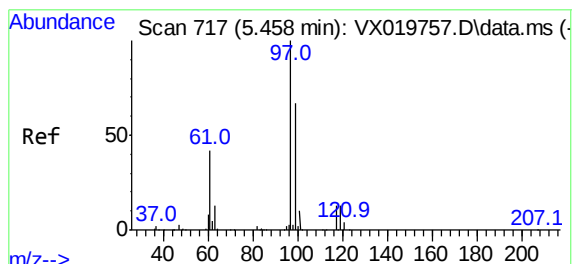
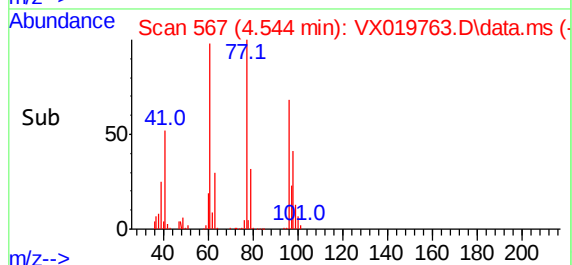
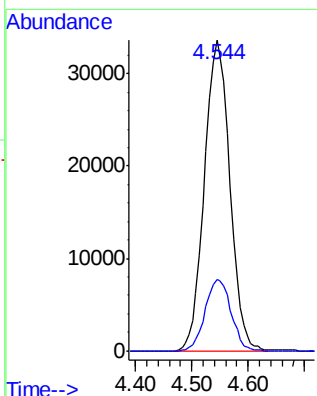
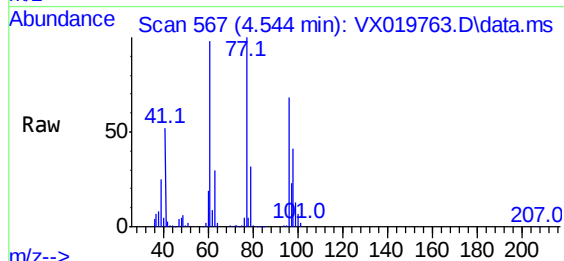
#31  
2,2-Dichloropropane  
Concen: 20.21 ug/l  
RT: 4.544 min Scan# 567  
Delta R.T. -0.000 min  
Lab File: VX019763.D  
Acq: 08 Dec 2020 16:36

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1208WBS01

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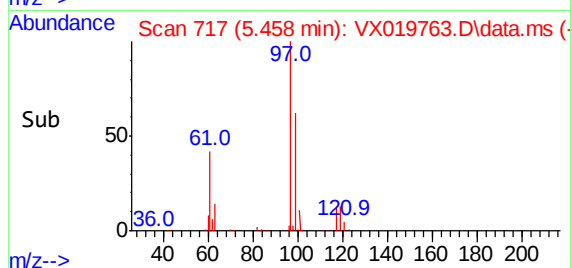
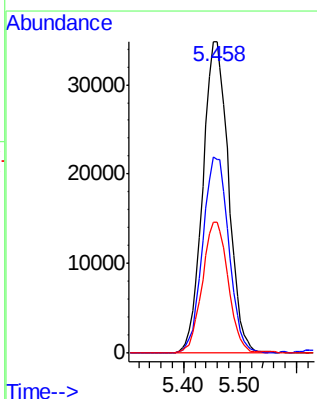
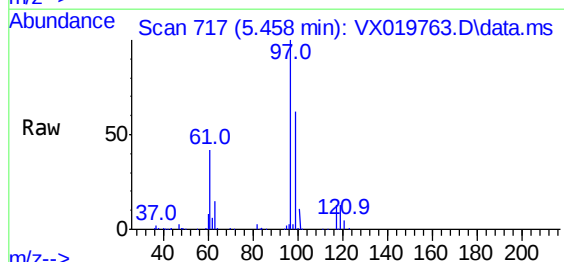
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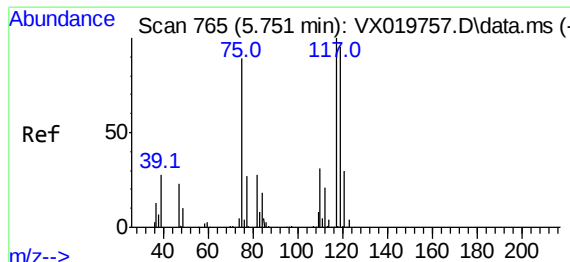
Tgt Ion: 77 Resp: 104570  
Ion Ratio Lower Upper  
77 100  
97 23.3 18.6 28.0



#32  
1,1,1-Trichloroethane  
Concen: 20.49 ug/l  
RT: 5.458 min Scan# 717  
Delta R.T. -0.000 min  
Lab File: VX019763.D  
Acq: 08 Dec 2020 16:36

Tgt Ion: 97 Resp: 108794  
Ion Ratio Lower Upper  
97 100  
99 63.9 51.7 77.5  
61 42.1 34.3 51.5



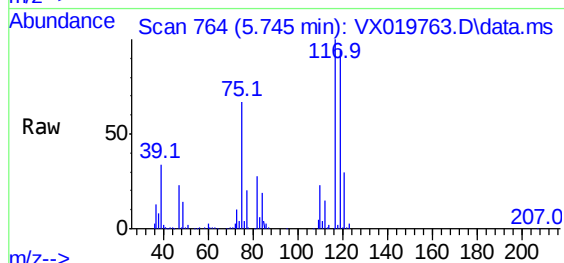


#33  
Carbon Tetrachloride  
Concen: 20.31 ug/l  
RT: 5.745 min Scan# 764  
Delta R.T. -0.006 min  
Lab File: VX019763.D  
Acq: 08 Dec 2020 16:36

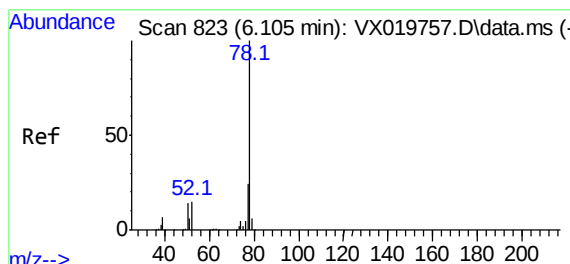
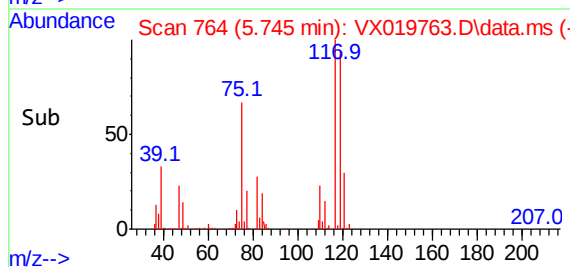
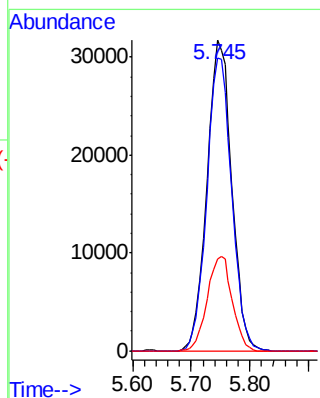
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1208WBS01

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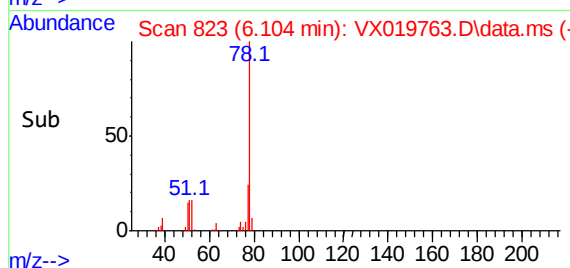
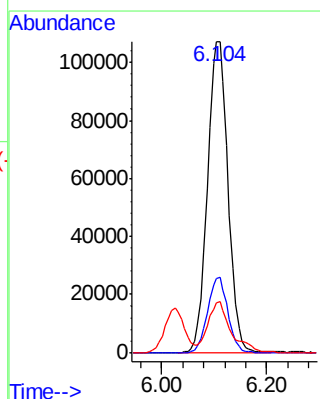
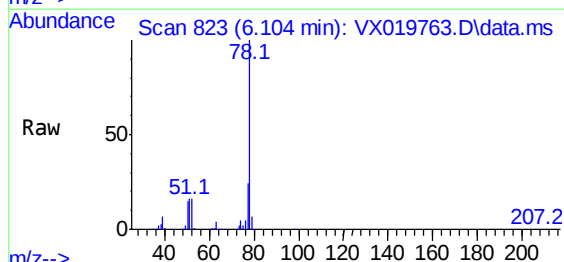


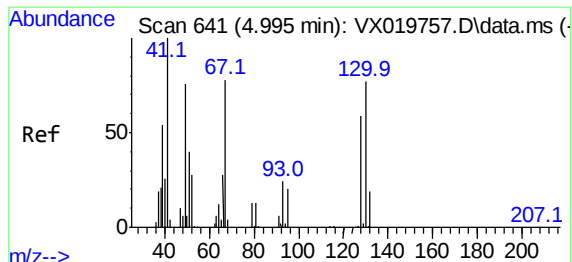
Tgt Ion:117 Resp: 92782  
Ion Ratio Lower Upper  
117 100  
119 94.1 76.1 114.1  
121 29.6 24.1 36.1



#34  
Benzene  
Concen: 20.61 ug/l  
RT: 6.104 min Scan# 823  
Delta R.T. -0.000 min  
Lab File: VX019763.D  
Acq: 08 Dec 2020 16:36

Tgt Ion: 78 Resp: 289034  
Ion Ratio Lower Upper  
78 100  
77 23.7 19.0 28.4  
51 15.8 12.5 18.7





#35  
Methacrylonitrile  
Concen: 20.32 ug/l  
RT: 4.995 min Scan# 641  
Delta R.T. -0.000 min  
Lab File: VX019763.D  
Acq: 08 Dec 2020 16:36

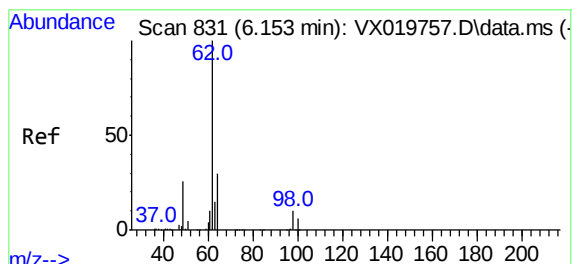
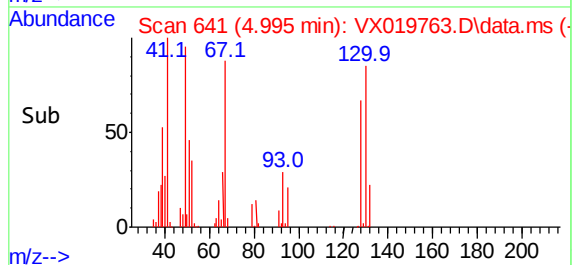
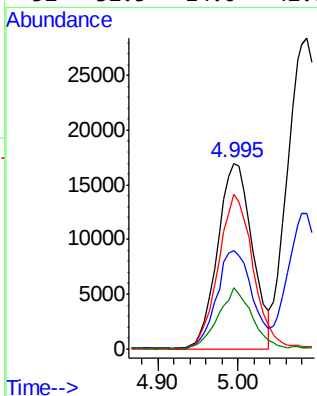
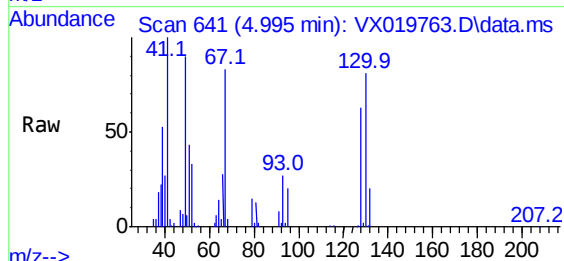
Tgt Ion: 41 Resp: 51030

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 41  | 100   |       |       |
| 39  | 52.4  | 26.8  | 80.3  |
| 67  | 83.3  | 39.1  | 117.2 |
| 52  | 32.5  | 14.0  | 42.0  |

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1208WBS01

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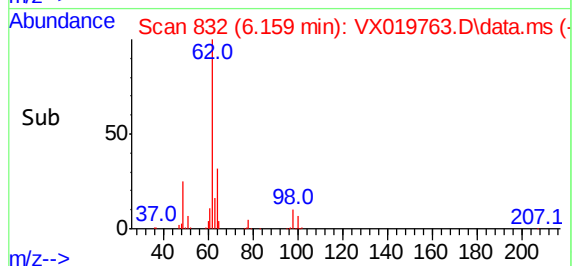
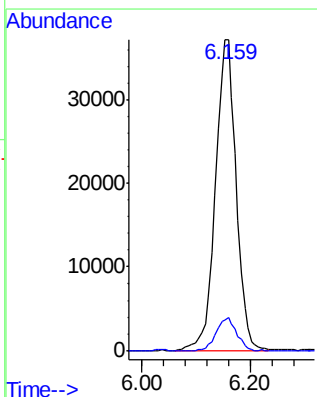
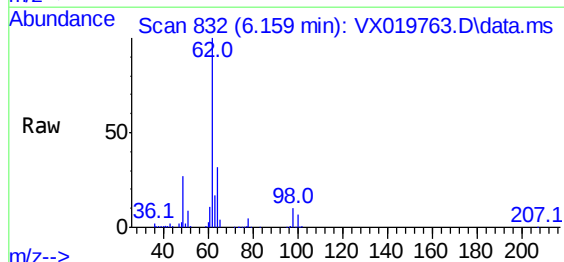
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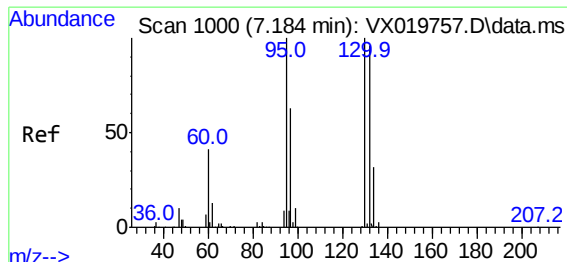


#36  
1,2-Dichloroethane  
Concen: 20.45 ug/l  
RT: 6.159 min Scan# 832  
Delta R.T. 0.006 min  
Lab File: VX019763.D  
Acq: 08 Dec 2020 16:36

Tgt Ion: 62 Resp: 98528

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 62  | 100   |       |       |
| 98  | 10.2  | 8.1   | 12.1  |





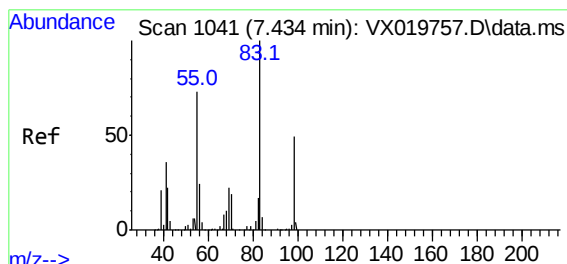
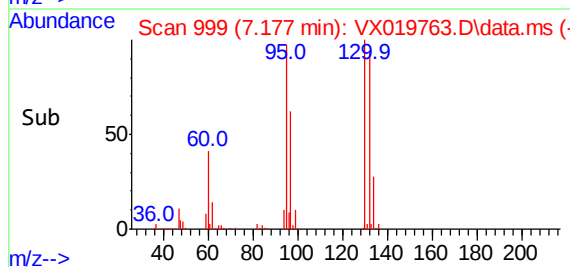
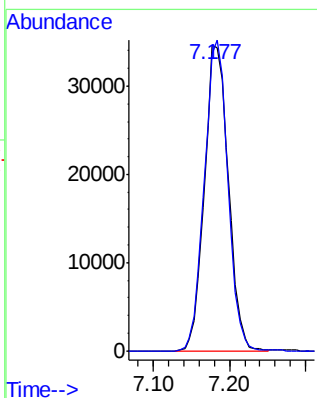
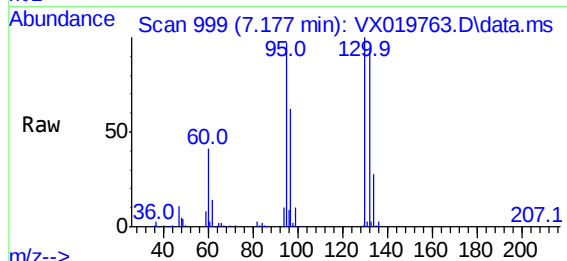
#37  
Trichloroethene  
Concen: 20.48 ug/l  
RT: 7.177 min Scan# 999  
Delta R.T. -0.006 min  
Lab File: VX019763.D  
Acq: 08 Dec 2020 16:36

Tgt Ion:130 Resp: 75374  
Ion Ratio Lower Upper  
130 100  
95 97.1 80.2 120.4

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1208WBS01

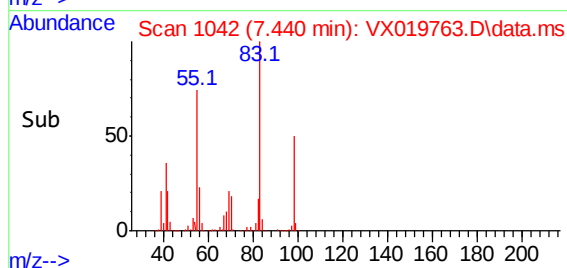
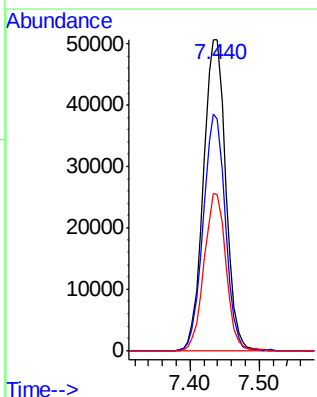
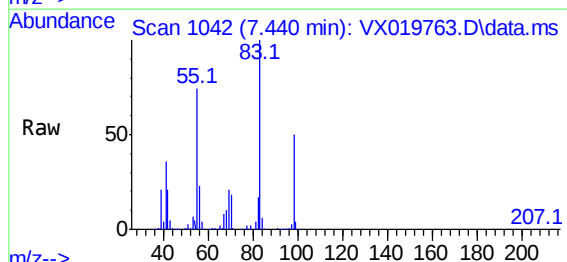
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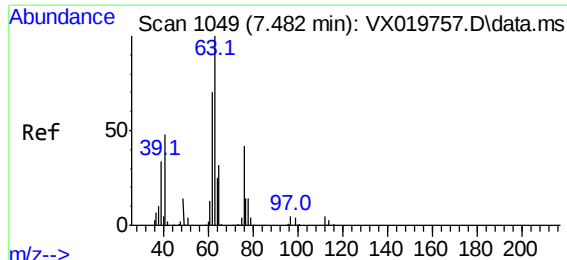
MMDadoda  
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#38  
Methylcyclohexane  
Concen: 20.64 ug/l  
RT: 7.440 min Scan# 1042  
Delta R.T. 0.006 min  
Lab File: VX019763.D  
Acq: 08 Dec 2020 16:36

Tgt Ion: 83 Resp: 112582  
Ion Ratio Lower Upper  
83 100  
55 75.0 37.4 112.1  
98 49.7 24.7 74.1





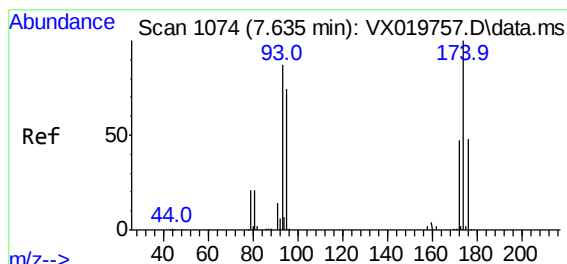
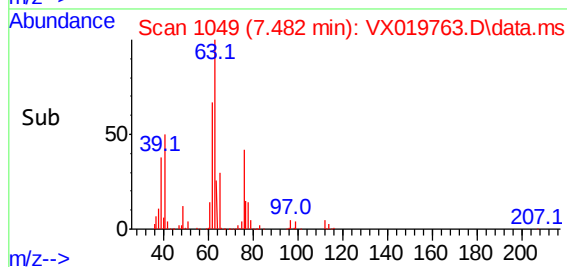
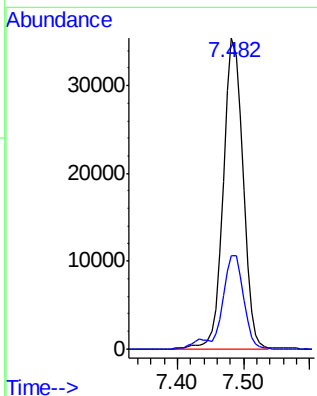
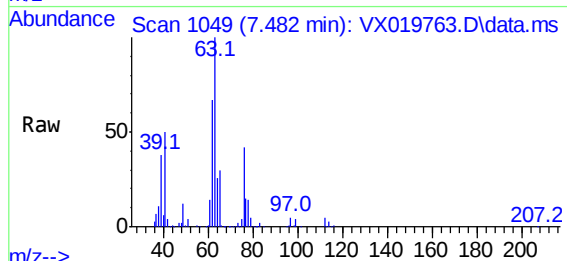
#39  
1,2-Dichloropropane  
Concen: 20.65 ug/l  
RT: 7.482 min Scan# 1049  
Delta R.T. -0.000 min  
Lab File: VX019763.D  
Acq: 08 Dec 2020 16:36

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1208WBS01

Tgt Ion: 63 Resp: 72782  
Ion Ratio Lower Upper  
63 100  
65 29.9 25.6 38.4

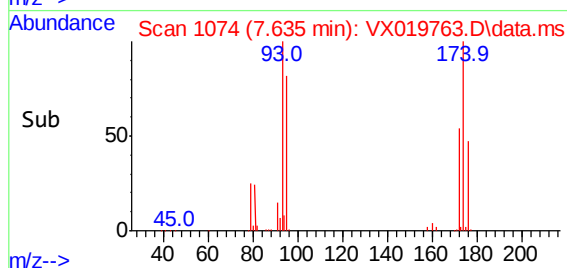
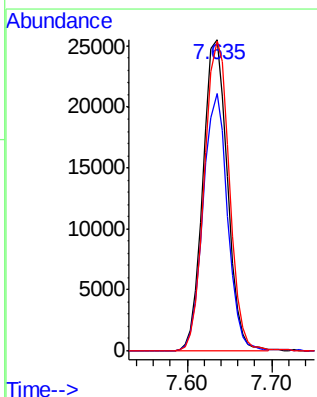
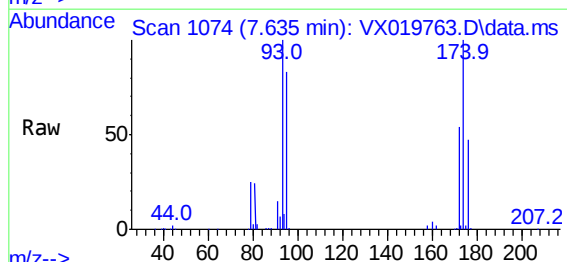
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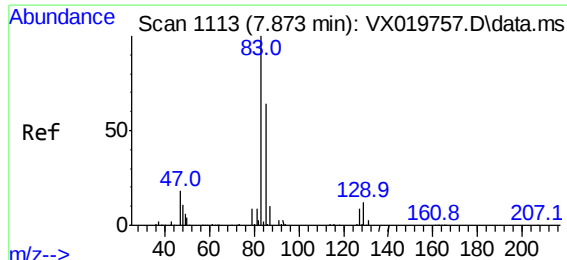
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#40  
Dibromomethane  
Concen: 20.40 ug/l  
RT: 7.635 min Scan# 1074  
Delta R.T. -0.000 min  
Lab File: VX019763.D  
Acq: 08 Dec 2020 16:36

Tgt Ion: 93 Resp: 49158  
Ion Ratio Lower Upper  
93 100  
95 82.7 0.0 167.4  
174 102.1 0.0 211.8





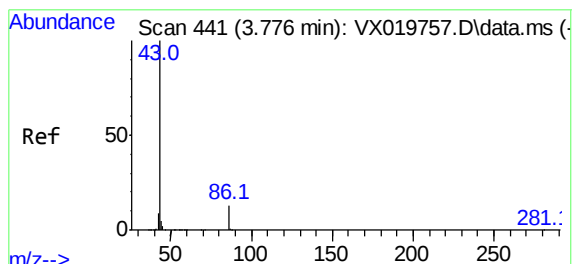
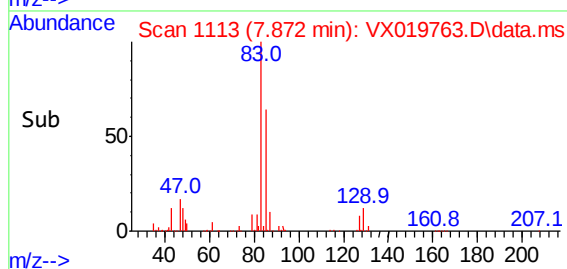
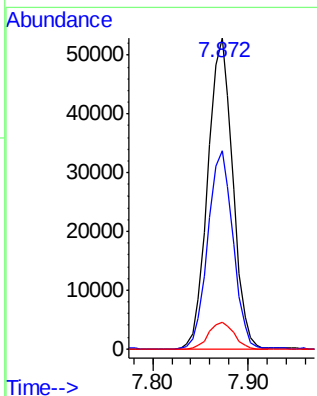
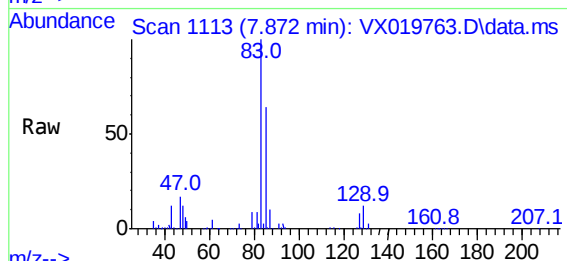
#41  
Bromodichloromethane  
Concen: 19.79 ug/l  
RT: 7.872 min Scan# 1113  
Delta R.T. -0.000 min  
Lab File: VX019763.D  
Acq: 08 Dec 2020 16:36

Tgt Ion: 83 Resp: 94820  
Ion Ratio Lower Upper  
83 100  
85 63.7 51.4 77.0  
127 8.5 7.1 10.7

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1208WBS01

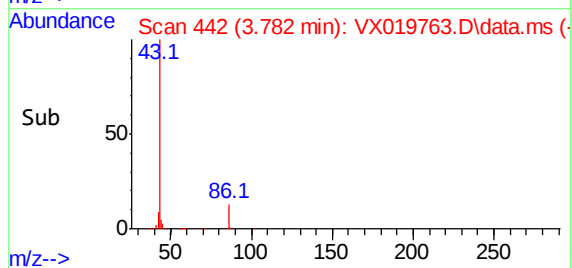
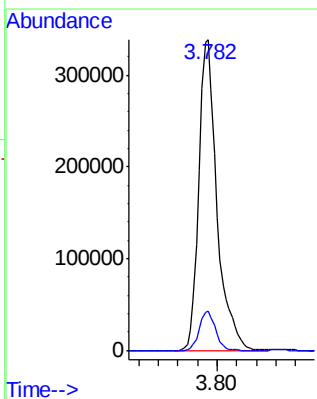
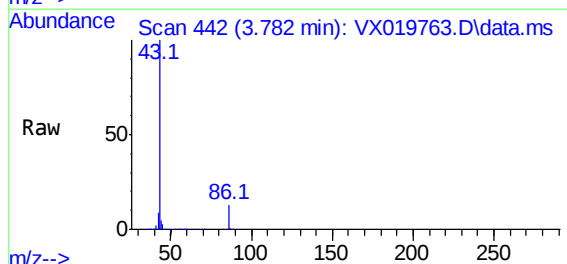
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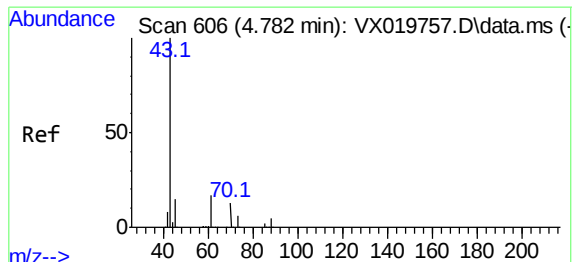
MMDadoda  
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#42  
Vinyl Acetate  
Concen: 102.25 ug/l  
RT: 3.782 min Scan# 442  
Delta R.T. 0.006 min  
Lab File: VX019763.D  
Acq: 08 Dec 2020 16:36

Tgt Ion: 43 Resp: 870032  
Ion Ratio Lower Upper  
43 100  
86 11.2 9.0 13.4





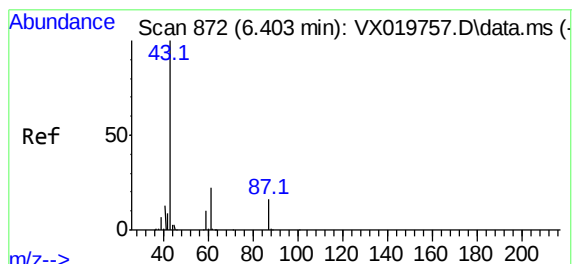
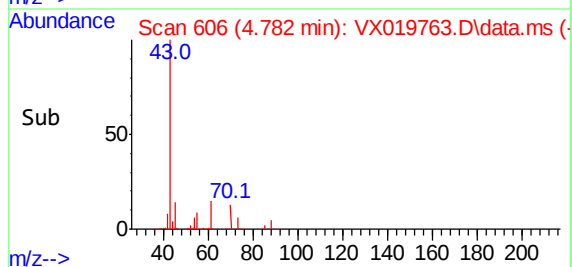
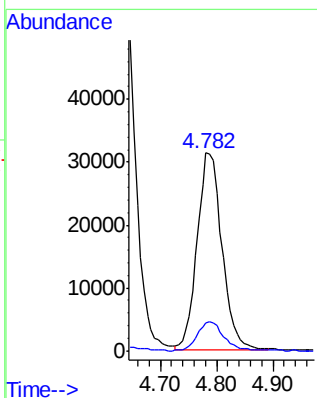
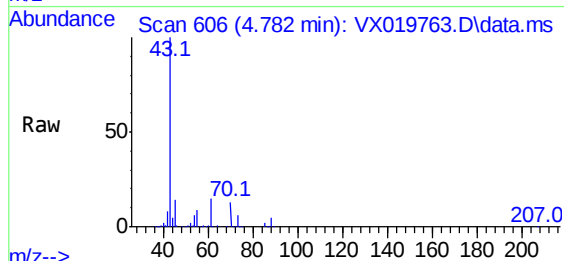
#43  
Ethyl Acetate  
Concen: 20.77 ug/l  
RT: 4.782 min Scan# 606  
Delta R.T. -0.000 min  
Lab File: VX019763.D  
Acq: 08 Dec 2020 16:36

Tgt Ion: 43 Resp: 95599  
Ion Ratio Lower Upper  
43 100  
45 15.8 12.2 18.4

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1208WBS01

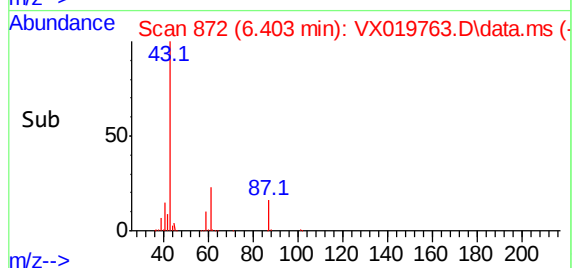
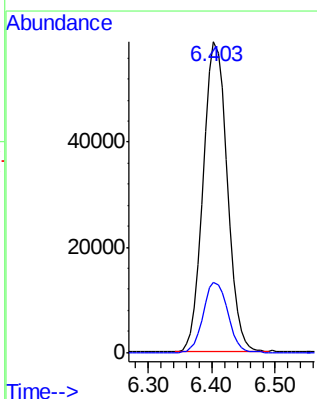
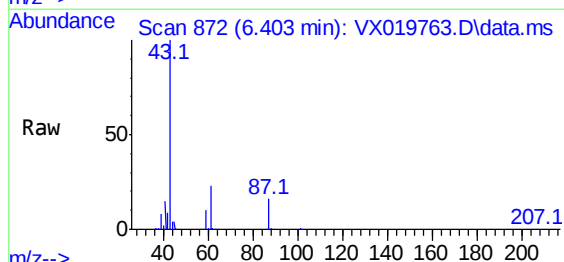
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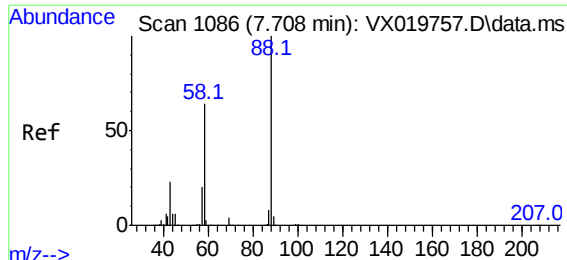
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#44  
Isopropyl Acetate  
Concen: 20.03 ug/l  
RT: 6.403 min Scan# 872  
Delta R.T. -0.000 min  
Lab File: VX019763.D  
Acq: 08 Dec 2020 16:36

Tgt Ion: 43 Resp: 150077  
Ion Ratio Lower Upper  
43 100  
61 23.0 18.1 27.1



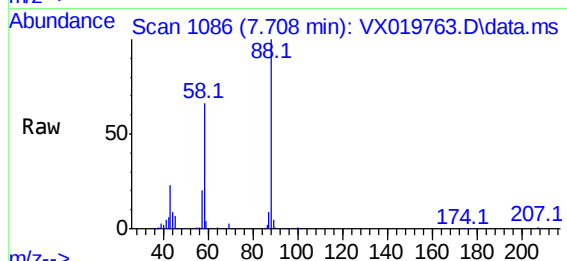


#45  
1,4-Dioxane  
Concen: 411.60 ug/l  
RT: 7.708 min Scan# 1086  
Delta R.T. -0.000 min  
Lab File: VX019763.D  
Acq: 08 Dec 2020 16:36

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1208WBS01

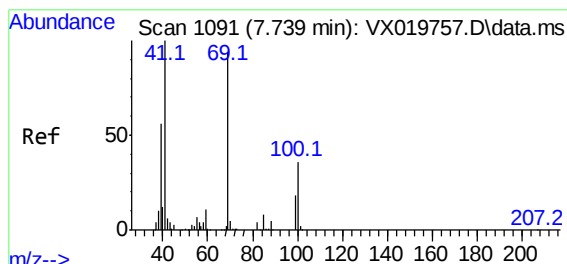
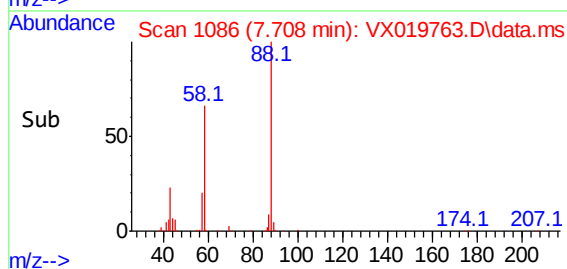
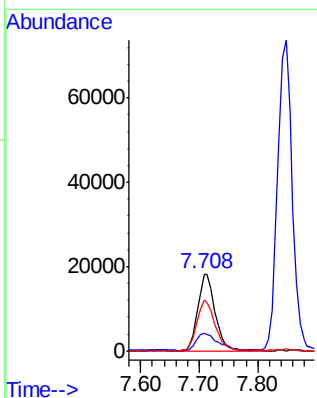
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Tgt Ion: 88 Resp: 37319

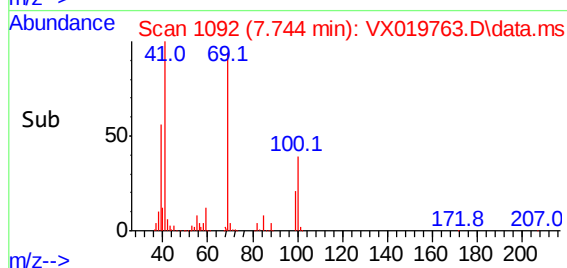
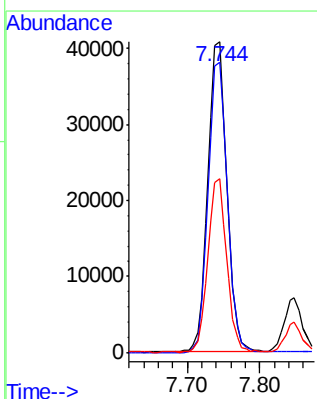
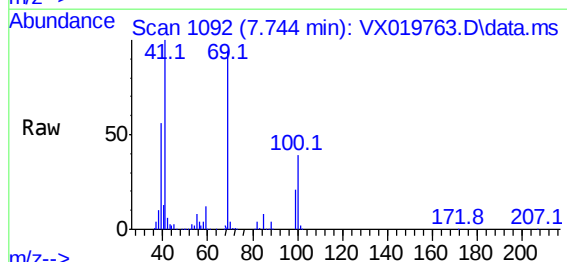
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 88  | 100   |       |       |
| 43  | 28.0  | 22.2  | 33.2  |
| 58  | 69.5  | 53.9  | 80.9  |

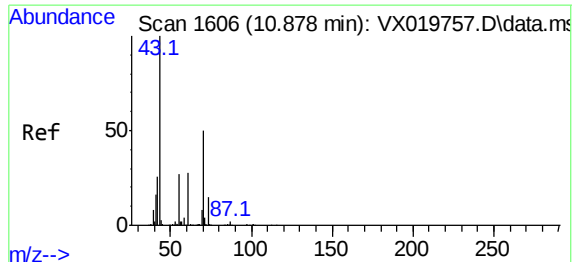


#46  
Methyl methacrylate  
Concen: 20.14 ug/l  
RT: 7.744 min Scan# 1092  
Delta R.T. 0.006 min  
Lab File: VX019763.D  
Acq: 08 Dec 2020 16:36

Tgt Ion: 41 Resp: 74328

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 41  | 100   |       |       |
| 69  | 93.8  | 46.9  | 140.6 |
| 39  | 56.0  | 28.0  | 83.9  |



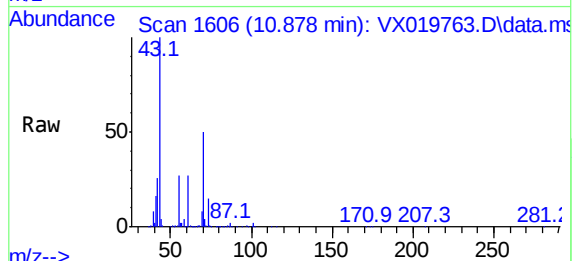


#47  
n-amy1 Acetate  
Concen: 20.05 ug/l  
RT: 10.878 min Scan# 1606  
Delta R.T. -0.000 min  
Lab File: VX019763.D  
Acq: 08 Dec 2020 16:36

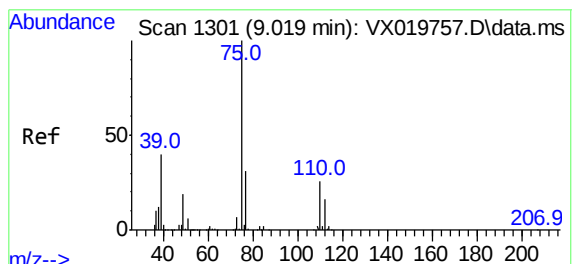
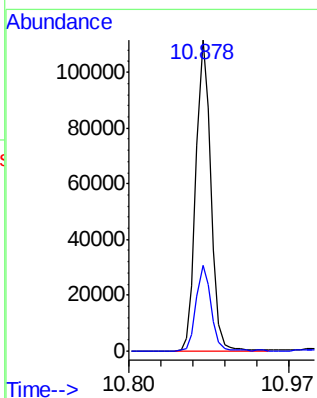
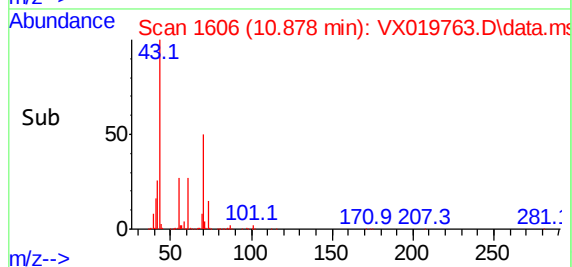
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1208WBS01

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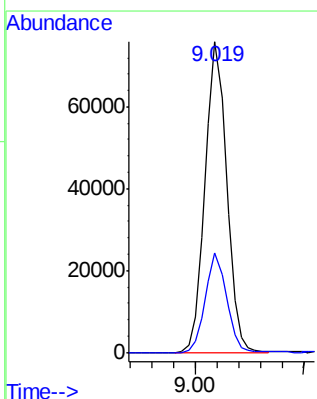
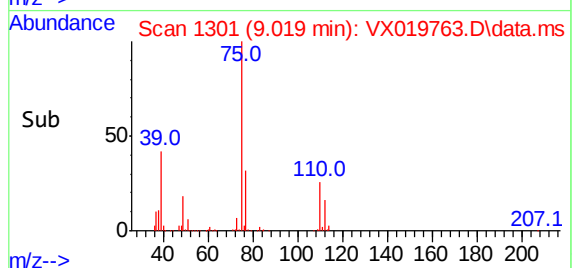
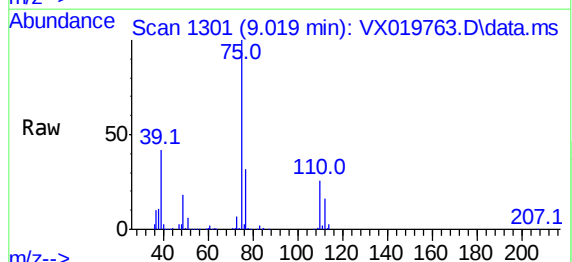


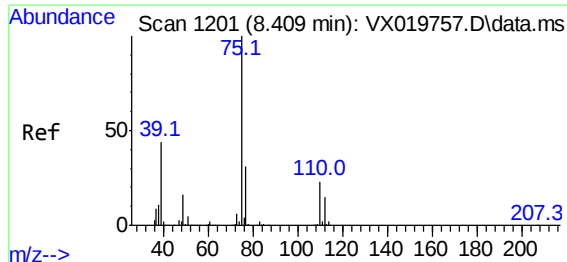
Tgt Ion: 43 Resp: 128689  
Ion Ratio Lower Upper  
43 100  
55 27.5 21.8 32.6



#48  
t-1,3-Dichloropropene  
Concen: 19.52 ug/l  
RT: 9.019 min Scan# 1301  
Delta R.T. -0.000 min  
Lab File: VX019763.D  
Acq: 08 Dec 2020 16:36

Tgt Ion: 75 Resp: 104127  
Ion Ratio Lower Upper  
75 100  
77 32.2 25.0 37.6



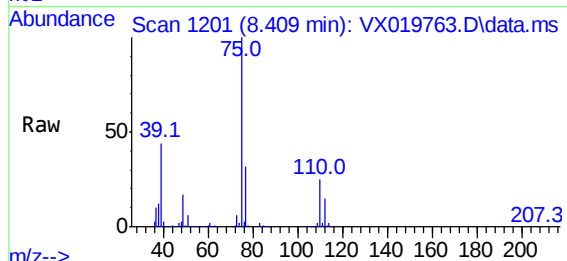


#49  
 cis-1,3-Dichloropropene  
 Concen: 19.92 ug/l  
 RT: 8.409 min Scan# 1201  
 Delta R.T. -0.000 min  
 Lab File: VX019763.D  
 Acq: 08 Dec 2020 16:36

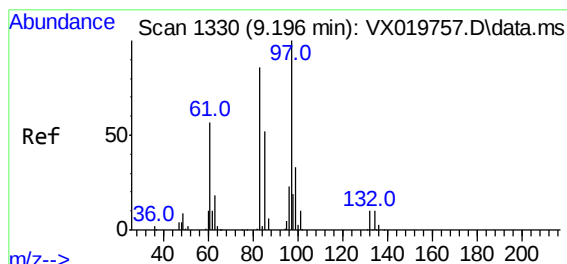
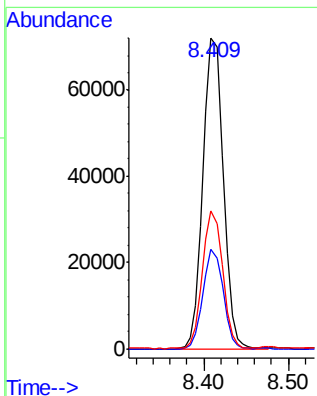
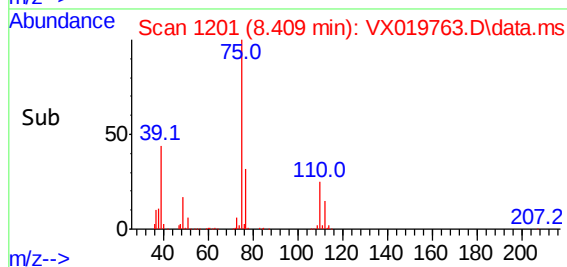
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX1208WBS01

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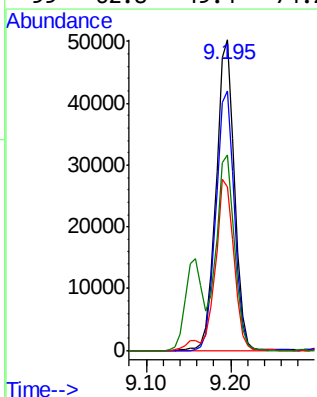
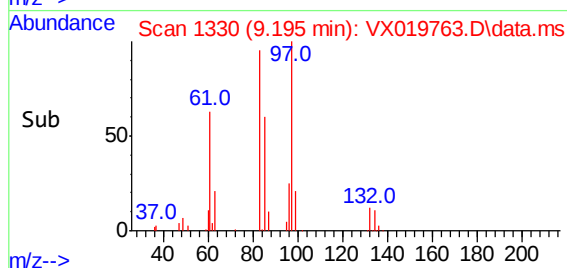
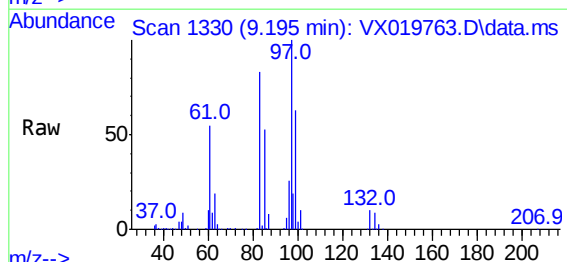


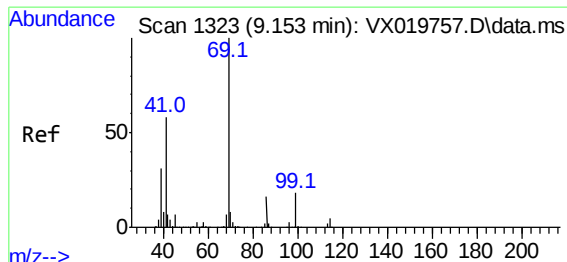
Tgt Ion: 75 Resp: 116267  
 Ion Ratio Lower Upper  
 75 100  
 77 31.9 24.4 36.6  
 39 44.4 35.4 53.0



#50  
 1,1,2-Trichloroethane  
 Concen: 20.57 ug/l  
 RT: 9.195 min Scan# 1330  
 Delta R.T. -0.000 min  
 Lab File: VX019763.D  
 Acq: 08 Dec 2020 16:36

Tgt Ion: 97 Resp: 73955  
 Ion Ratio Lower Upper  
 97 100  
 83 83.4 68.5 102.7  
 85 52.5 43.8 65.6  
 99 62.8 49.4 74.2





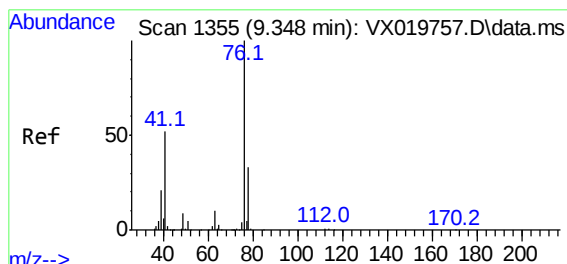
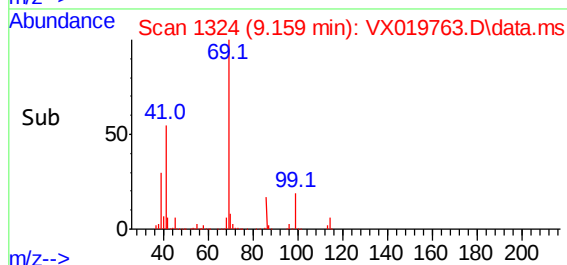
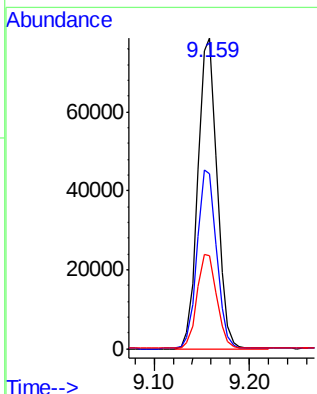
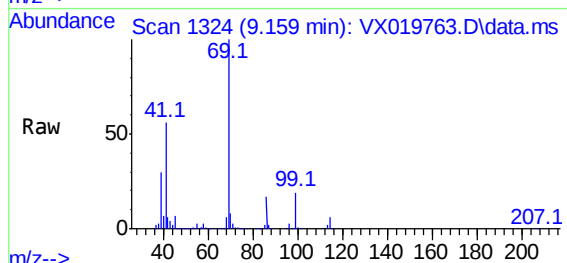
#51  
Ethyl methacrylate  
Concen: 19.70 ug/l  
RT: 9.159 min Scan# 1324  
Delta R.T. 0.006 min  
Lab File: VX019763.D  
Acq: 08 Dec 2020 16:36

Tgt Ion: 69 Resp: 108719  
Ion Ratio Lower Upper  
69 100  
41 56.1 29.1 87.4  
39 30.1 15.4 46.1

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1208WBS01

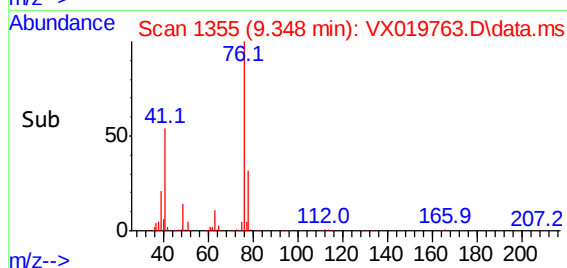
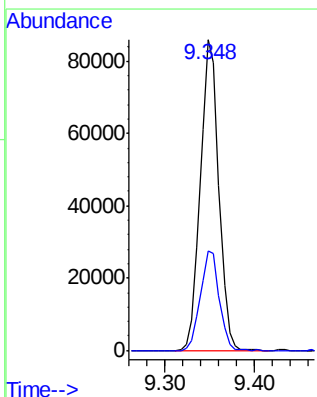
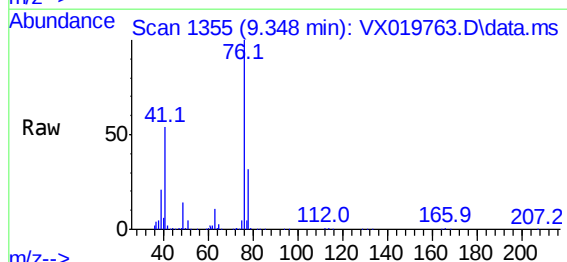
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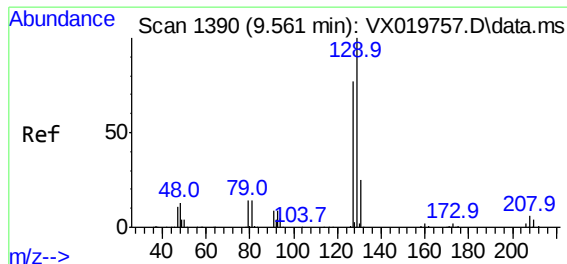
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#52  
1,3-Dichloropropane  
Concen: 20.32 ug/l  
RT: 9.348 min Scan# 1355  
Delta R.T. -0.000 min  
Lab File: VX019763.D  
Acq: 08 Dec 2020 16:36

Tgt Ion: 76 Resp: 122976  
Ion Ratio Lower Upper  
76 100  
78 32.8 0.0 66.0





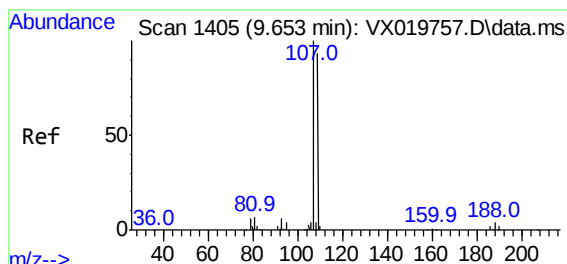
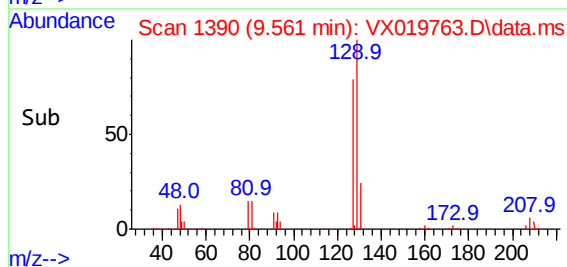
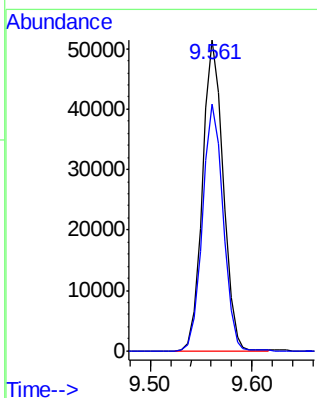
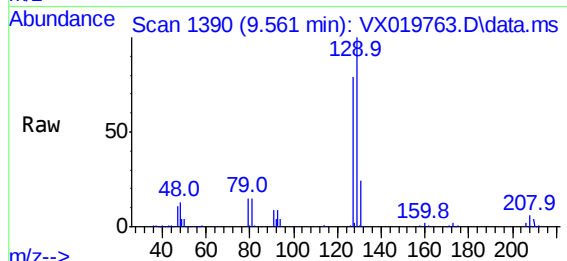
#53  
Dibromochloromethane  
Concen: 19.16 ug/l  
RT: 9.561 min Scan# 1390  
Delta R.T. -0.000 min  
Lab File: VX019763.D  
Acq: 08 Dec 2020 16:36

Tgt Ion:129 Resp: 72589  
Ion Ratio Lower Upper  
129 100  
127 79.2 38.4 115.2

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1208WBS01

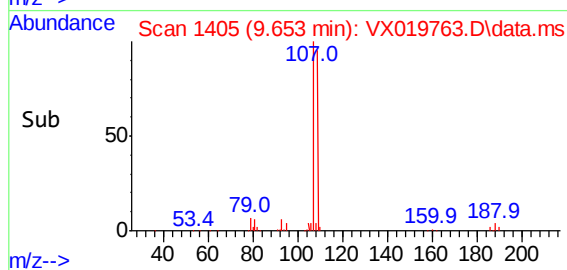
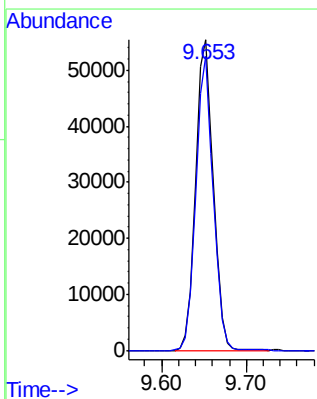
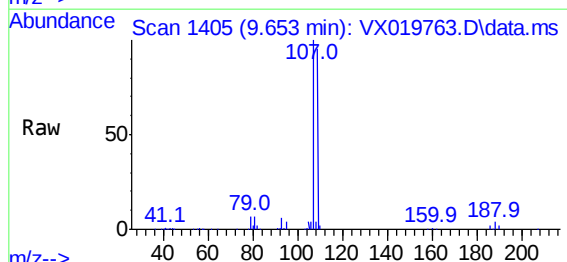
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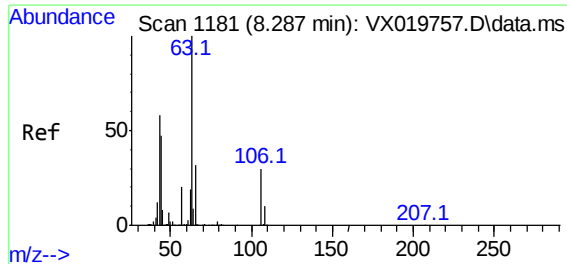
MMDadoda  
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#54  
1,2-Dibromoethane  
Concen: 20.49 ug/l  
RT: 9.653 min Scan# 1405  
Delta R.T. -0.000 min  
Lab File: VX019763.D  
Acq: 08 Dec 2020 16:36

Tgt Ion:107 Resp: 78030  
Ion Ratio Lower Upper  
107 100  
109 92.6 73.6 110.4





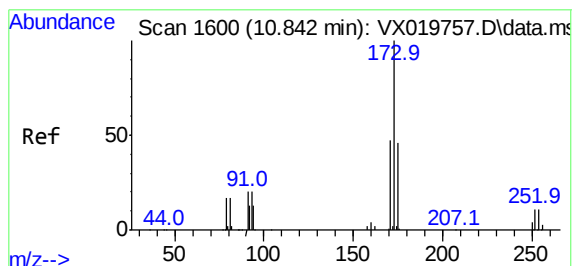
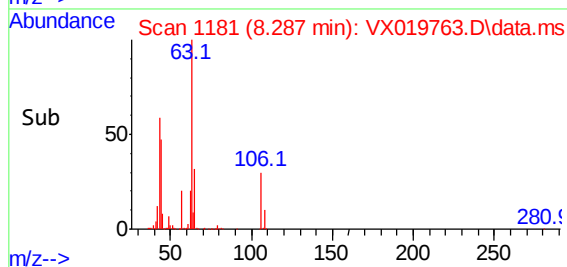
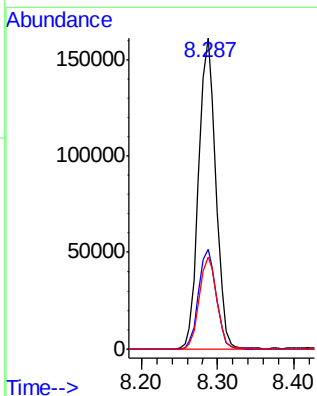
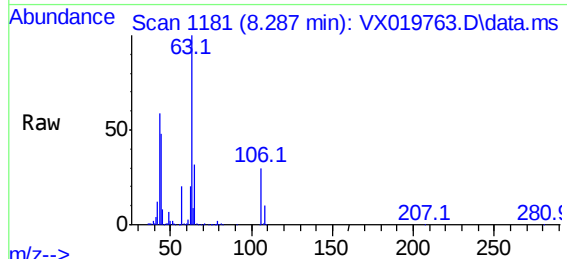
#55  
2-Chloroethyl vinyl ether  
Concen: 87.53 ug/l  
RT: 8.287 min Scan# 1181  
Delta R.T. -0.000 min  
Lab File: VX019763.D  
Acq: 08 Dec 2020 16:36

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1208WBS01

Tgt Ion: 63 Resp: 249866  
Ion Ratio Lower Upper  
63 100  
65 32.6 25.9 38.9  
106 29.9 23.9 35.9

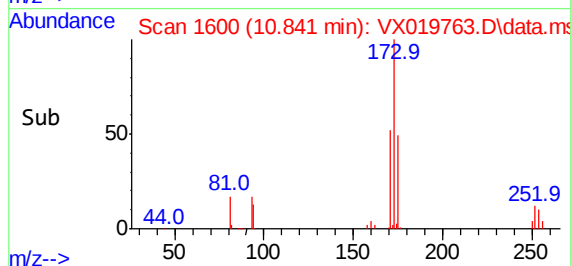
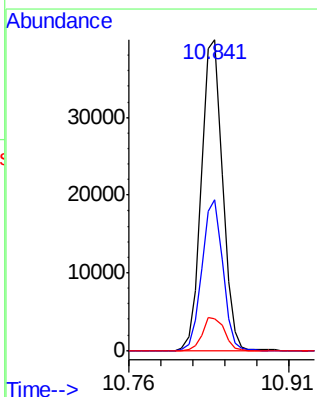
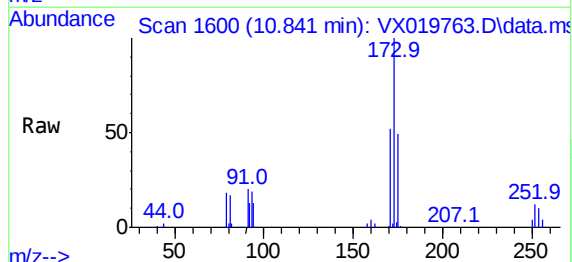
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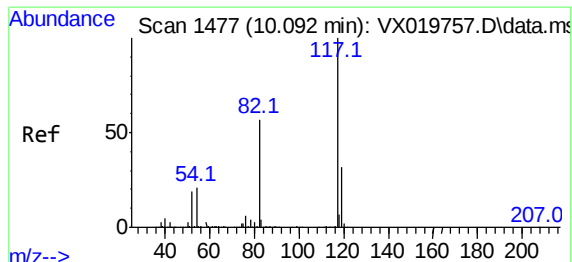
MMDadoda  
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#56  
Bromoform  
Concen: 19.01 ug/l  
RT: 10.841 min Scan# 1600  
Delta R.T. -0.000 min  
Lab File: VX019763.D  
Acq: 08 Dec 2020 16:36

Tgt Ion: 173 Resp: 53633  
Ion Ratio Lower Upper  
173 100  
175 47.6 38.1 57.1  
254 10.9 8.2 12.4



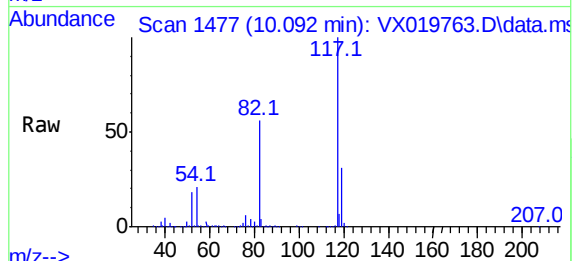


#57  
Chlorobenzene-d5  
Concen: 30.00 ug/l  
RT: 10.092 min Scan# 1477  
Delta R.T. -0.000 min  
Lab File: VX019763.D  
Acq: 08 Dec 2020 16:36

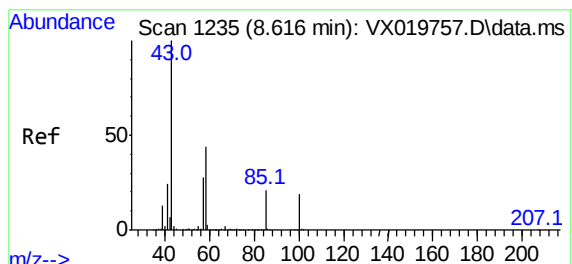
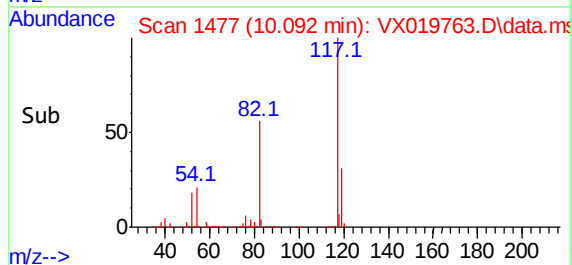
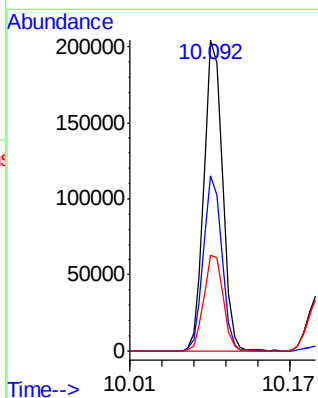
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1208WBS01

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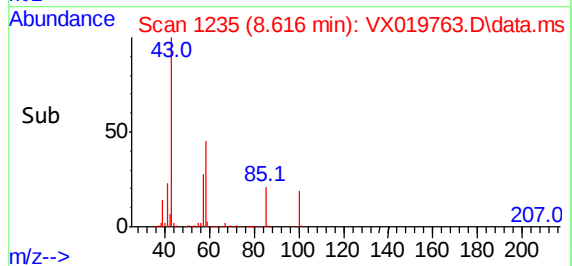
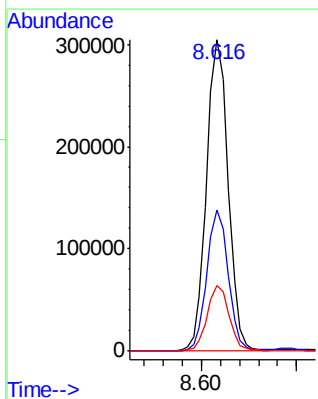
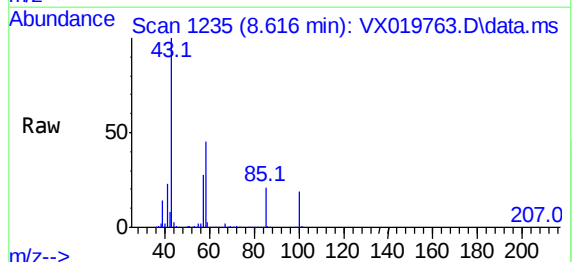


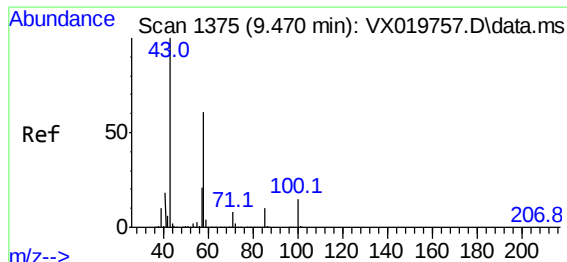
Tgt Ion:117 Resp: 271073  
Ion Ratio Lower Upper  
117 100  
82 56.3 45.0 67.6  
119 31.9 25.6 38.4



#58  
4-Methyl-2-Pentanone  
Concen: 102.16 ug/l  
RT: 8.616 min Scan# 1235  
Delta R.T. -0.000 min  
Lab File: VX019763.D  
Acq: 08 Dec 2020 16:36

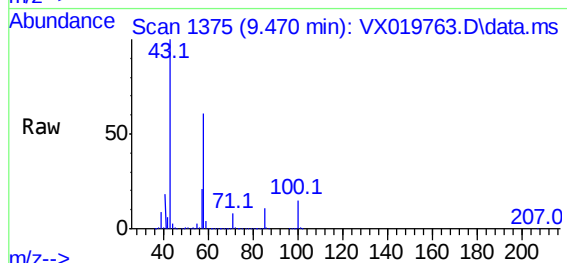
Tgt Ion: 43 Resp: 473122  
Ion Ratio Lower Upper  
43 100  
58 44.6 35.2 52.8  
85 21.0 16.8 25.2





#59  
2-Hexanone  
Concen: 103.89 ug/l  
RT: 9.470 min Scan# 1375  
Delta R.T. -0.000 min  
Lab File: VX019763.D  
Acq: 08 Dec 2020 16:36

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1208WBS01

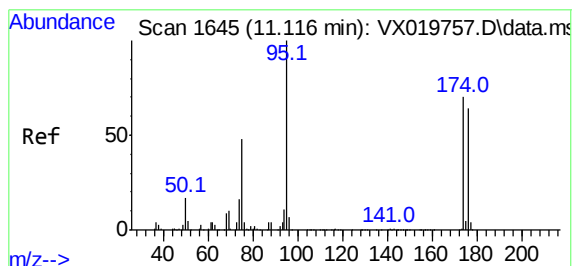
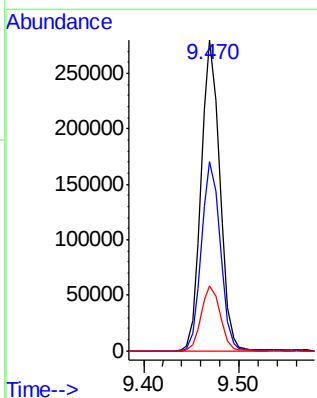
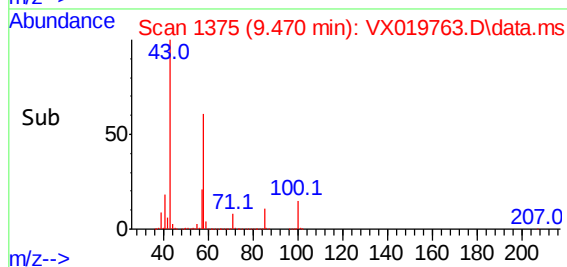


Tgt Ion: 43 Resp: 375531

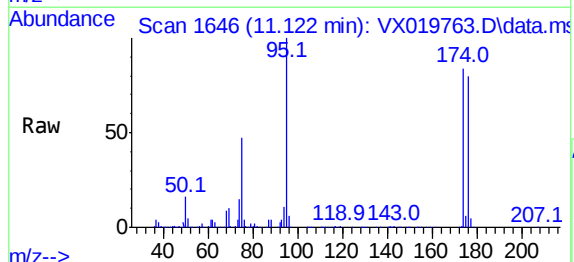
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 58  | 61.4  | 49.0  | 73.6  |
| 57  | 21.4  | 17.1  | 25.7  |

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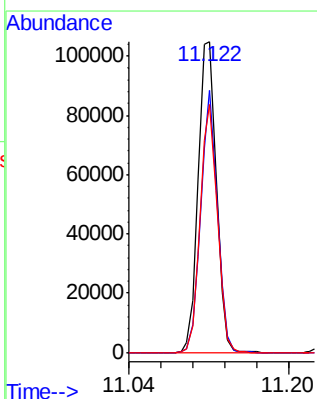
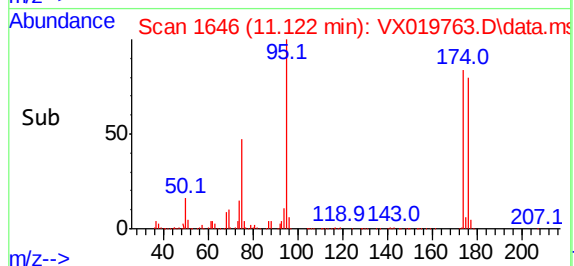


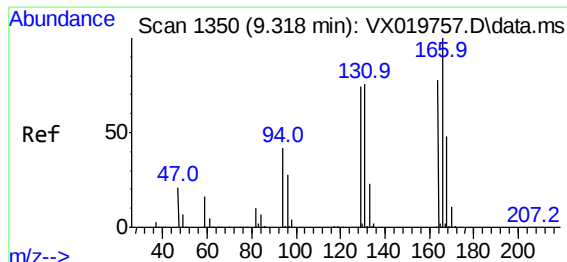
#60  
4-Bromofluorobenzene  
Concen: 30.16 ug/l  
RT: 11.122 min Scan# 1646  
Delta R.T. 0.006 min  
Lab File: VX019763.D  
Acq: 08 Dec 2020 16:36



Tgt Ion: 95 Resp: 137309

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 95  | 100   |       |       |
| 174 | 76.5  | 63.0  | 94.4  |
| 176 | 75.1  | 59.9  | 89.9  |





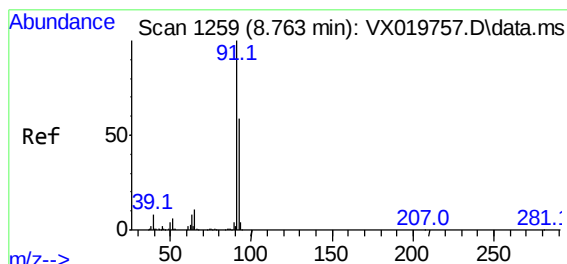
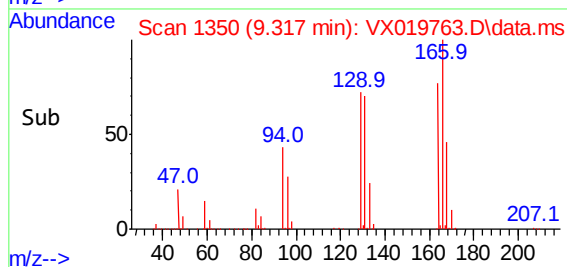
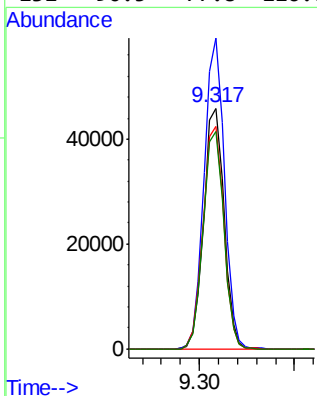
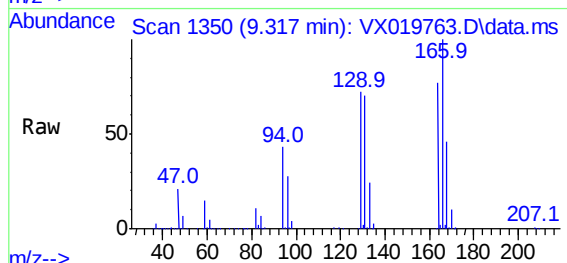
#61  
Tetrachloroethene  
Concen: 20.93 ug/l  
RT: 9.317 min Scan# 1350  
Delta R.T. -0.000 min  
Lab File: VX019763.D  
Acq: 08 Dec 2020 16:36

Tgt Ion:164 Resp: 66916  
Ion Ratio Lower Upper  
164 100  
166 129.2 102.8 154.2  
129 92.4 75.8 113.8  
131 90.5 77.8 116.6

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1208WBS01

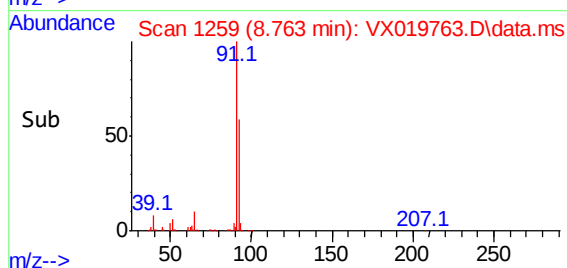
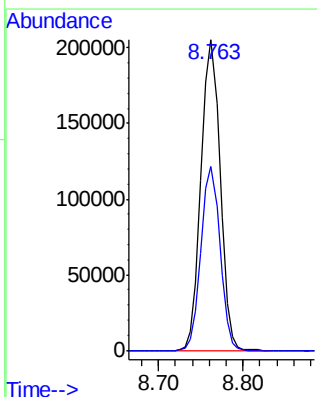
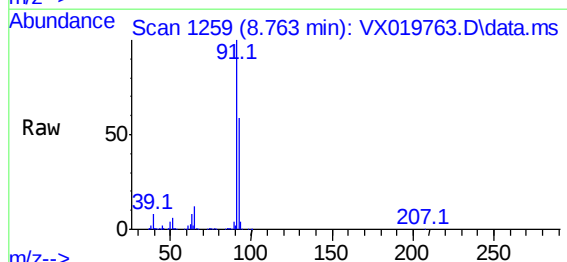
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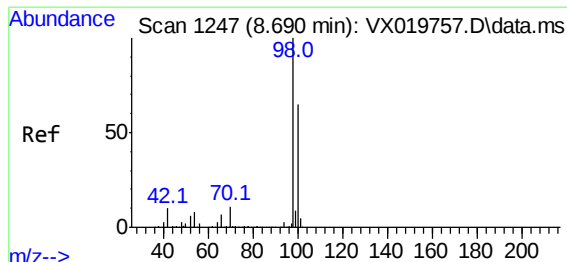
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#62  
Toluene  
Concen: 20.76 ug/l  
RT: 8.763 min Scan# 1259  
Delta R.T. -0.000 min  
Lab File: VX019763.D  
Acq: 08 Dec 2020 16:36

Tgt Ion: 91 Resp: 310779  
Ion Ratio Lower Upper  
91 100  
92 59.0 47.2 70.8





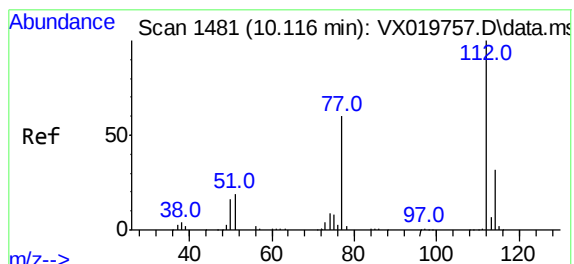
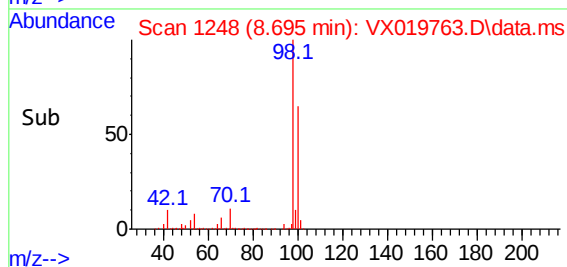
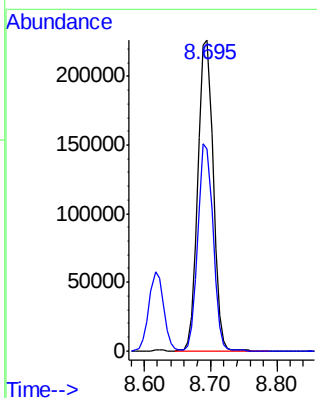
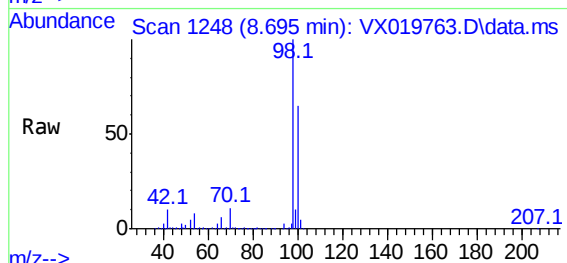
#63  
Toluene-d8  
Concen: 30.34 ug/l  
RT: 8.695 min Scan# 1248  
Delta R.T. 0.006 min  
Lab File: VX019763.D  
Acq: 08 Dec 2020 16:36

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1208WBS01

Tgt Ion: 98 Resp: 360236  
Ion Ratio Lower Upper  
98 100  
100 66.3 53.0 79.4

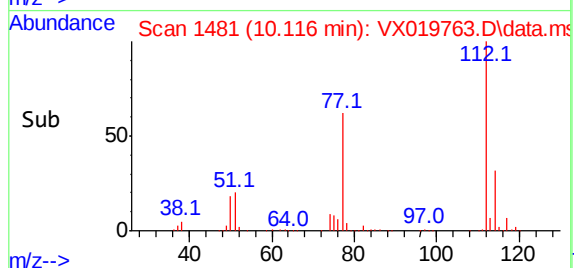
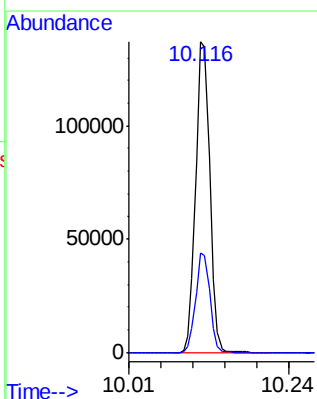
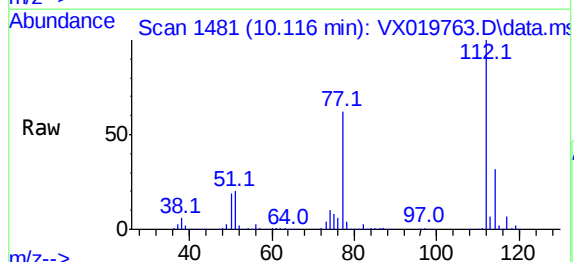
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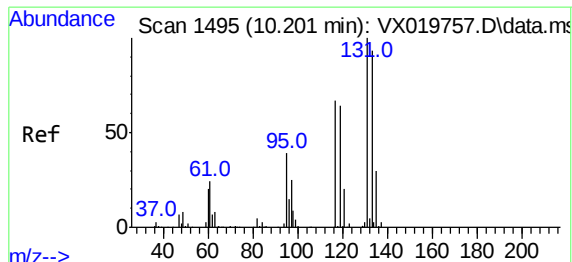
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#64  
Chlorobenzene  
Concen: 20.56 ug/l  
RT: 10.116 min Scan# 1481  
Delta R.T. -0.000 min  
Lab File: VX019763.D  
Acq: 08 Dec 2020 16:36

Tgt Ion: 112 Resp: 193041  
Ion Ratio Lower Upper  
112 100  
114 32.0 25.7 38.5





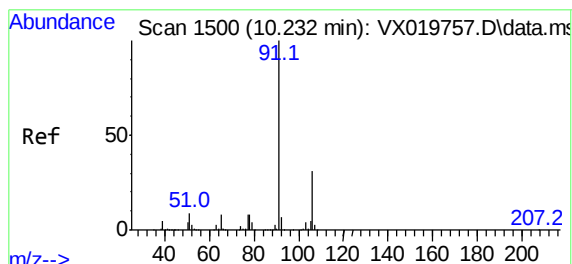
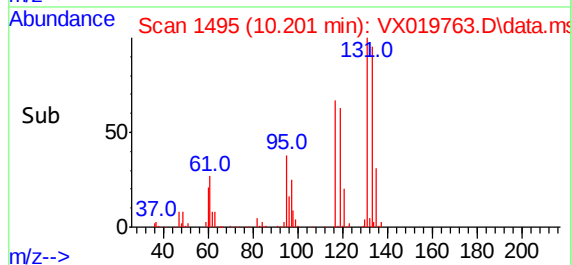
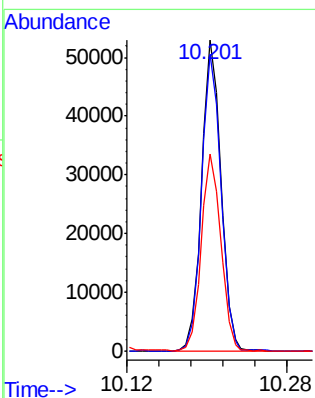
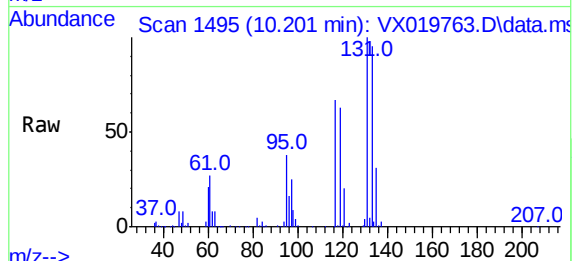
#65  
1,1,1,2-Tetrachloroethane  
Concen: 20.00 ug/l  
RT: 10.201 min Scan# 1495  
Delta R.T. -0.000 min  
Lab File: VX019763.D  
Acq: 08 Dec 2020 16:36

Tgt Ion: 131 Resp: 69619  
Ion Ratio Lower Upper  
131 100  
133 96.0 0.0 189.6  
119 64.2 0.0 129.0

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1208WBS01

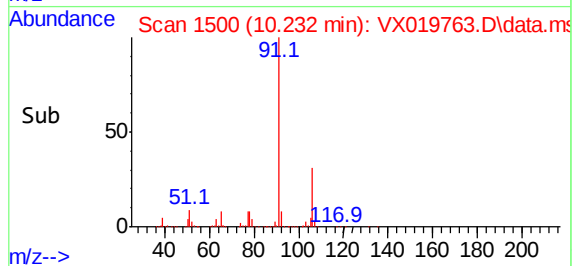
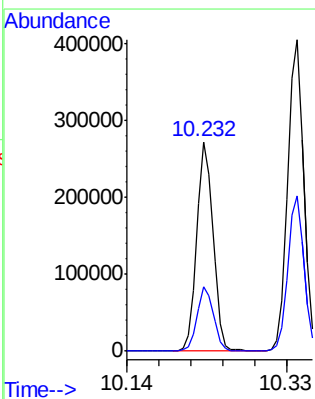
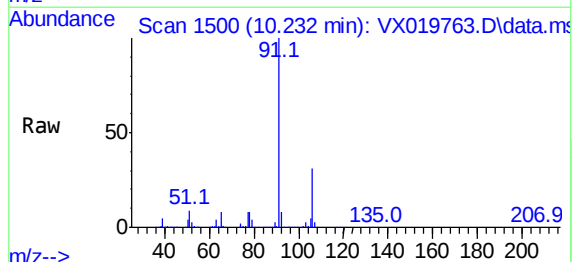
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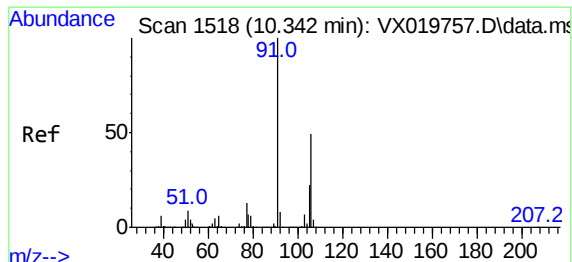
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#66  
Ethyl Benzene  
Concen: 20.73 ug/l  
RT: 10.232 min Scan# 1500  
Delta R.T. -0.000 min  
Lab File: VX019763.D  
Acq: 08 Dec 2020 16:36

Tgt Ion: 91 Resp: 348541  
Ion Ratio Lower Upper  
91 100  
106 30.5 25.0 37.4





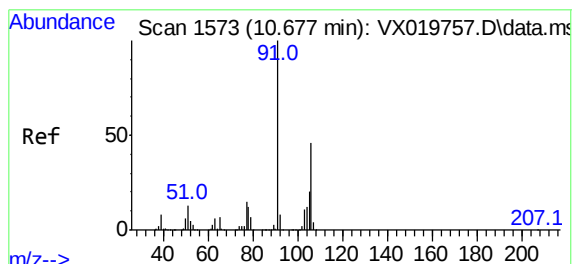
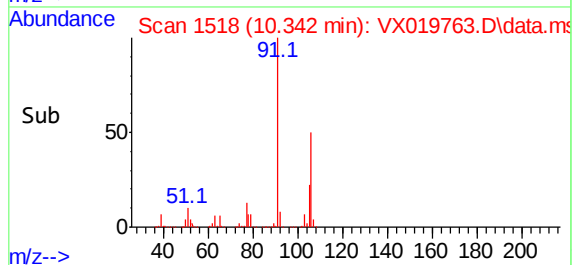
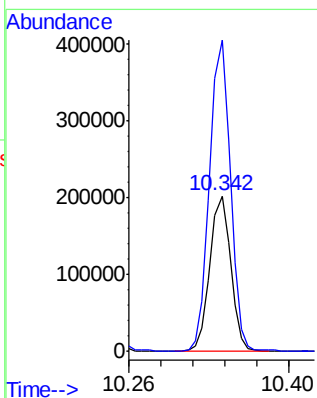
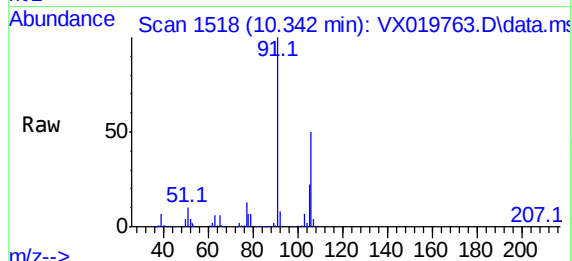
#67  
m/p-Xylenes  
Concen: 41.76 ug/l  
RT: 10.342 min Scan# 1518  
Delta R.T. -0.000 min  
Lab File: VX019763.D  
Acq: 08 Dec 2020 16:36

Tgt Ion:106 Resp: 265177  
Ion Ratio Lower Upper  
106 100  
91 201.6 164.0 246.0

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1208WBS01

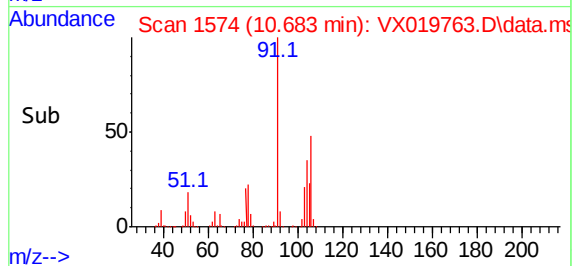
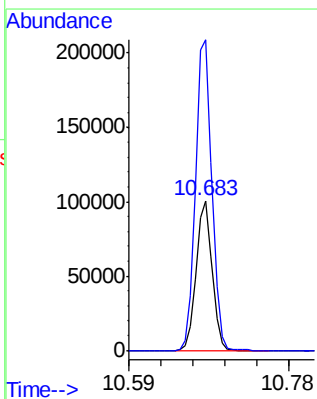
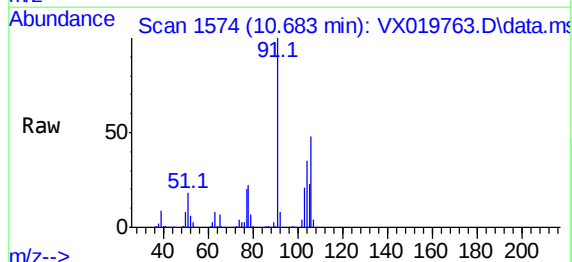
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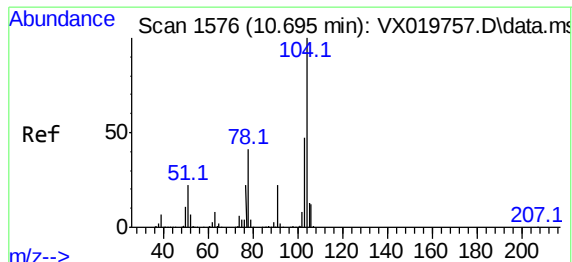
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#68  
o-Xylene  
Concen: 20.64 ug/l  
RT: 10.683 min Scan# 1574  
Delta R.T. 0.006 min  
Lab File: VX019763.D  
Acq: 08 Dec 2020 16:36

Tgt Ion:106 Resp: 127211  
Ion Ratio Lower Upper  
106 100  
91 214.9 106.5 319.6



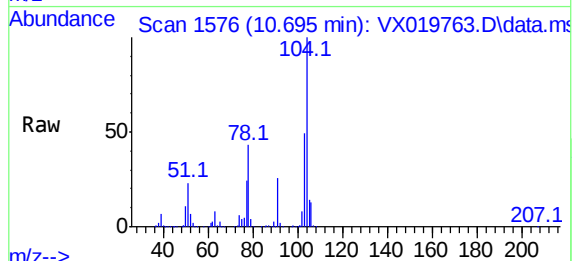


#69  
Styrene  
Concen: 20.21 ug/l  
RT: 10.695 min Scan# 1576  
Delta R.T. -0.000 min  
Lab File: VX019763.D  
Acq: 08 Dec 2020 16:36

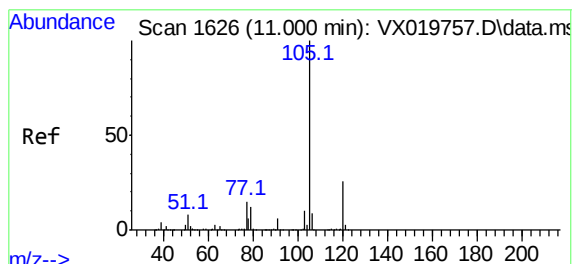
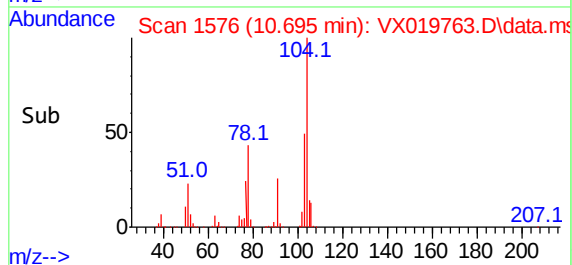
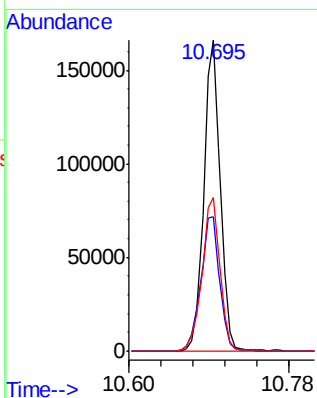
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1208WBS01

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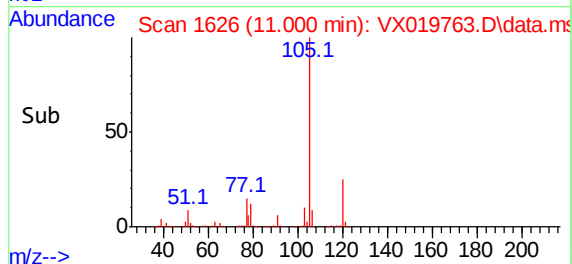
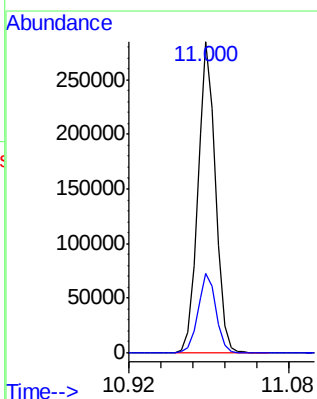
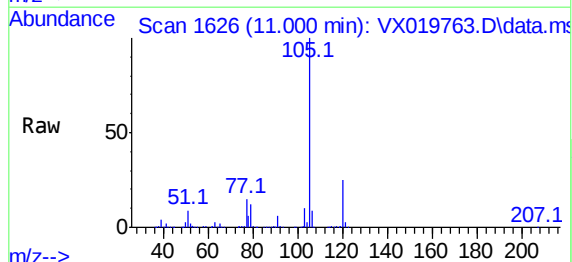


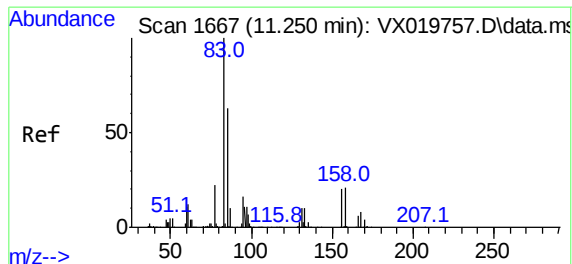
Tgt Ion:104 Resp: 211721  
Ion Ratio Lower Upper  
104 100  
78 49.8 39.2 58.8  
103 53.9 43.0 64.4



#70  
Isopropylbenzene  
Concen: 20.82 ug/l  
RT: 11.000 min Scan# 1626  
Delta R.T. -0.000 min  
Lab File: VX019763.D  
Acq: 08 Dec 2020 16:36

Tgt Ion:105 Resp: 342015  
Ion Ratio Lower Upper  
105 100  
120 25.9 18.4 34.2





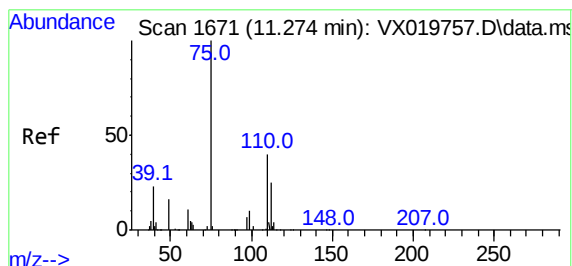
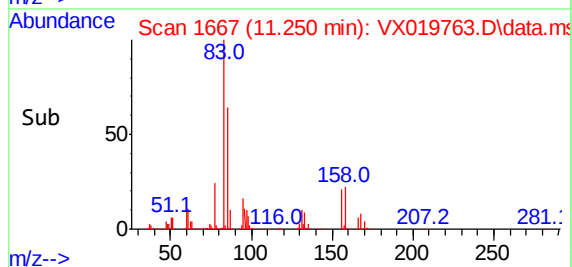
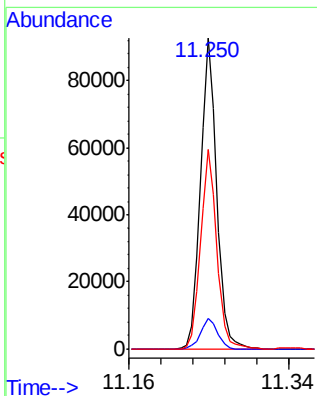
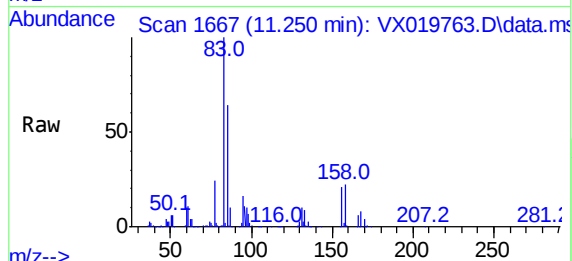
#71  
 1,1,2,2-Tetrachloroethane  
 Concen: 20.57 ug/l  
 RT: 11.250 min Scan# 1667  
 Delta R.T. -0.000 min  
 Lab File: VX019763.D  
 Acq: 08 Dec 2020 16:36

Tgt Ion: 83 Resp: 116912  
 Ion Ratio Lower Upper  
 83 100  
 131 10.2 5.1 15.3  
 85 64.0 32.0 96.0

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX1208WBS01

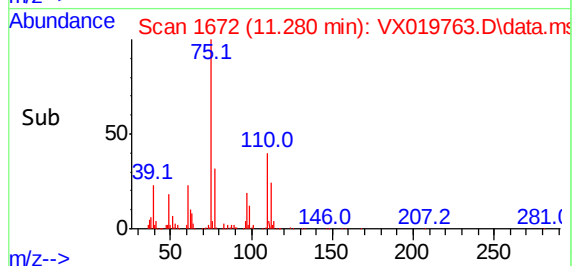
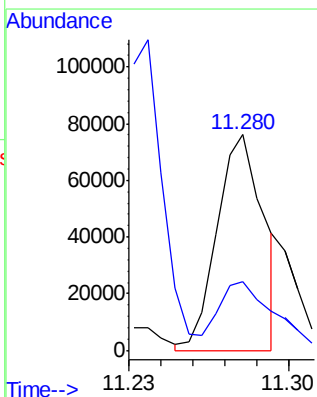
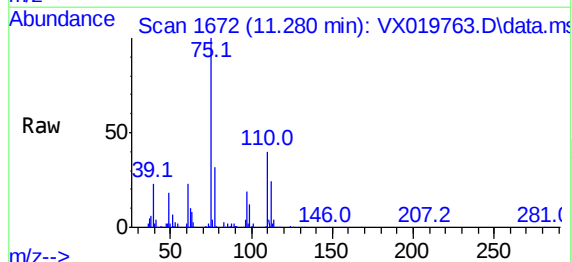
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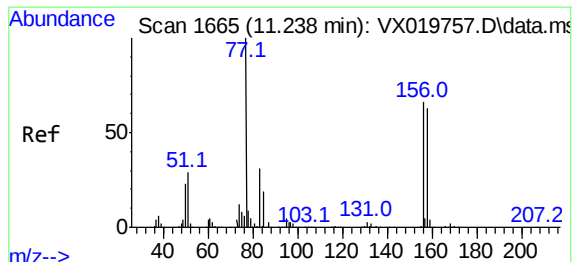
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#72  
 1,2,3-Trichloropropane  
 Concen: 20.52 ug/l m  
 RT: 11.280 min Scan# 1672  
 Delta R.T. 0.006 min  
 Lab File: VX019763.D  
 Acq: 08 Dec 2020 16:36

Tgt Ion: 75 Resp: 108878  
 Ion Ratio Lower Upper  
 75 100  
 77 38.3 0.0 74.6





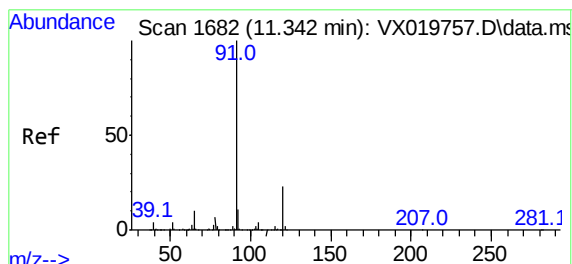
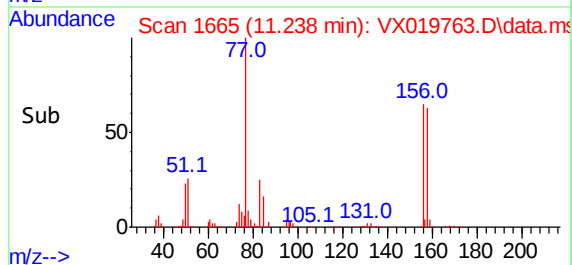
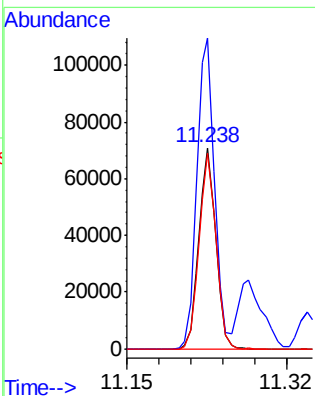
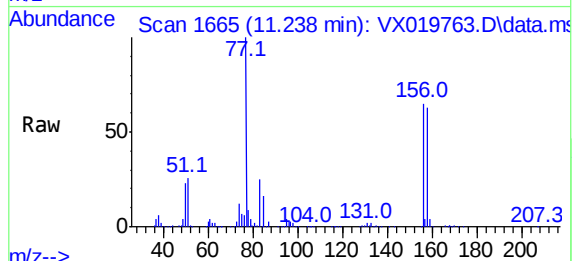
#73  
Bromobenzene  
Concen: 20.55 ug/l  
RT: 11.238 min Scan# 1665  
Delta R.T. -0.000 min  
Lab File: VX019763.D  
Acq: 08 Dec 2020 16:36

Tgt Ion: 156 Resp: 85908  
Ion Ratio Lower Upper  
156 100  
77 162.1 0.0 324.8  
158 97.0 0.0 192.0

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1208WBS01

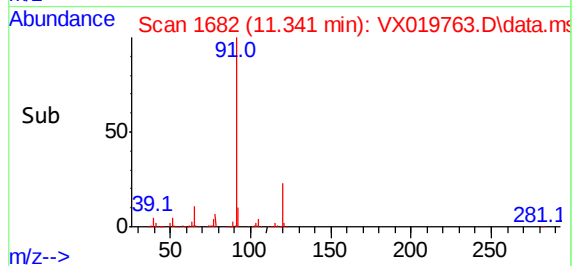
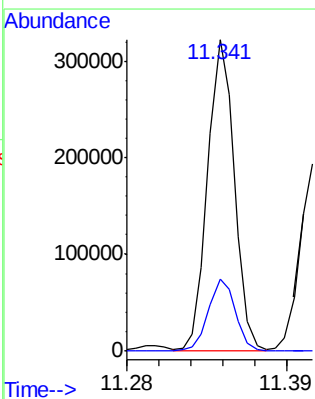
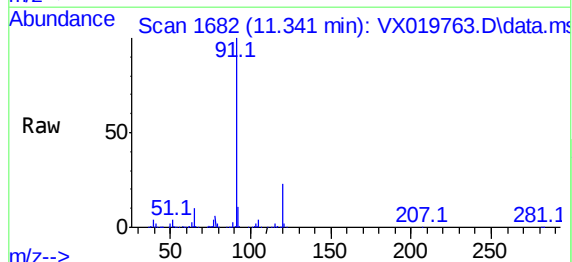
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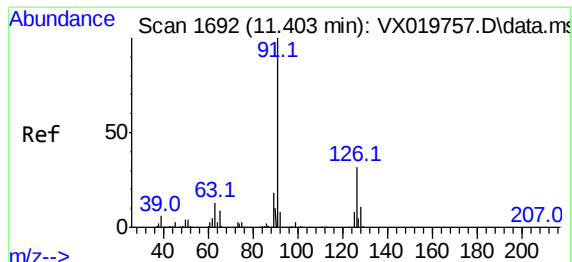
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#74  
n-propylbenzene  
Concen: 20.65 ug/l  
RT: 11.341 min Scan# 1682  
Delta R.T. -0.000 min  
Lab File: VX019763.D  
Acq: 08 Dec 2020 16:36

Tgt Ion: 91 Resp: 392244  
Ion Ratio Lower Upper  
91 100  
120 22.8 0.0 45.8





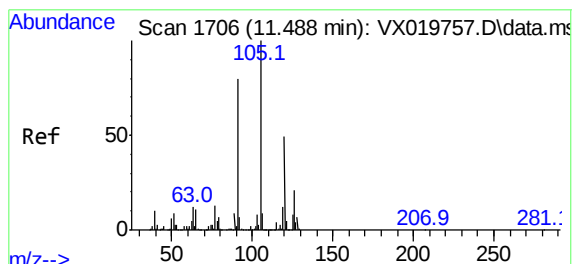
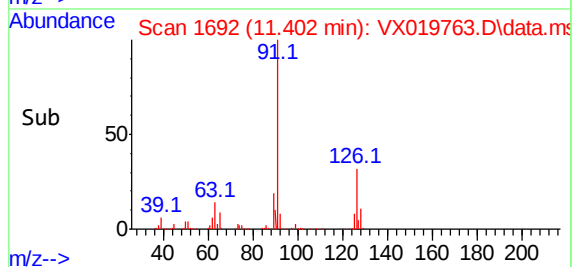
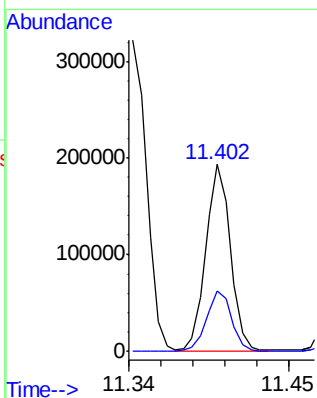
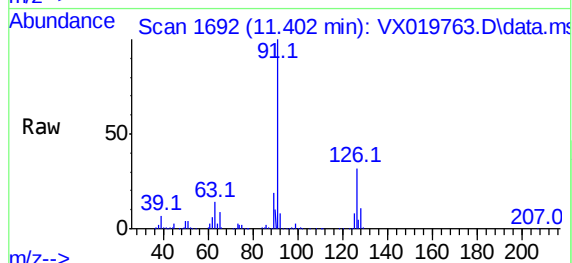
#75  
2-Chlorotoluene  
Concen: 20.64 ug/l  
RT: 11.402 min Scan# 1692  
Delta R.T. -0.000 min  
Lab File: VX019763.D  
Acq: 08 Dec 2020 16:36

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1208WBS01

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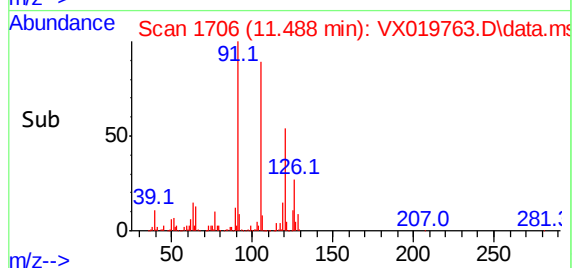
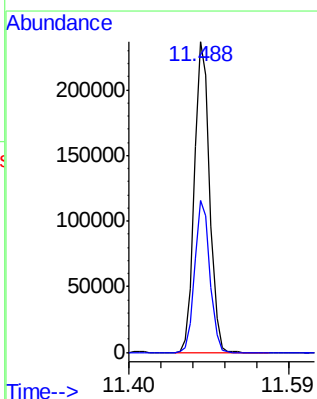
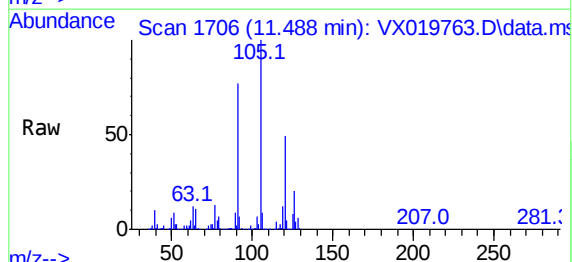
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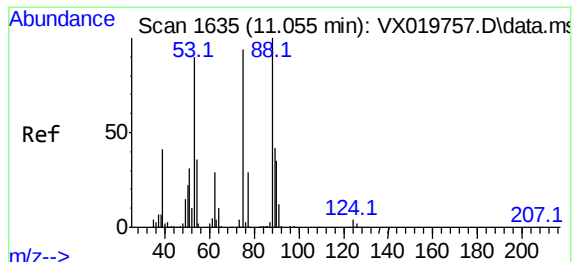
Tgt Ion: 91 Resp: 237959  
Ion Ratio Lower Upper  
91 100  
126 32.8 0.0 66.6



#76  
1,3,5-Trimethylbenzene  
Concen: 20.80 ug/l  
RT: 11.488 min Scan# 1706  
Delta R.T. -0.000 min  
Lab File: VX019763.D  
Acq: 08 Dec 2020 16:36

Tgt Ion: 105 Resp: 289579  
Ion Ratio Lower Upper  
105 100  
120 48.6 0.0 96.2



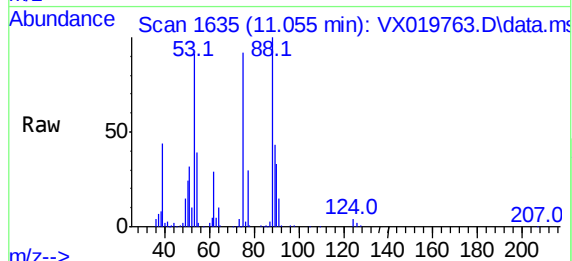


#77  
t-1,4-Dichloro-2-butene  
Concen: 18.76 ug/l  
RT: 11.055 min Scan# 1635  
Delta R.T. -0.000 min  
Lab File: VX019763.D  
Acq: 08 Dec 2020 16:36

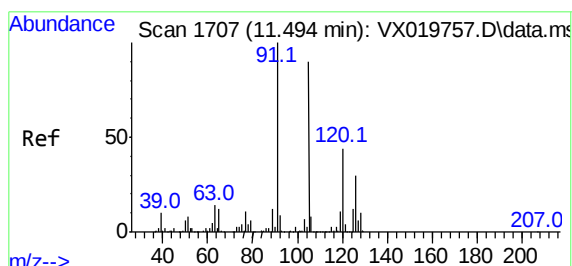
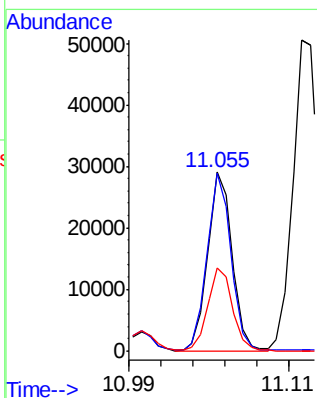
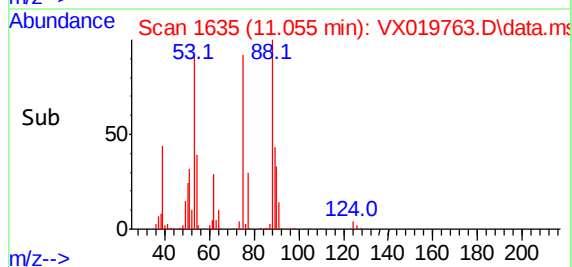
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1208WBS01

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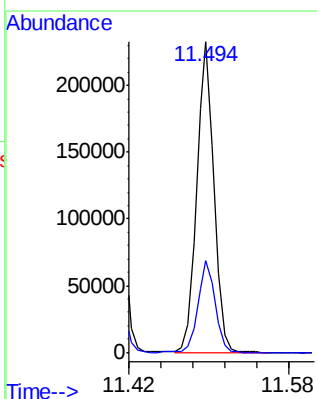
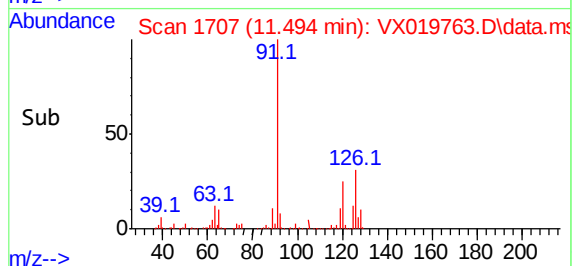
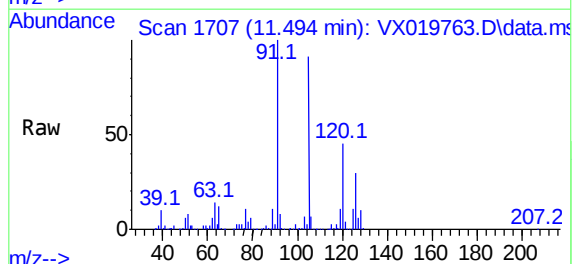


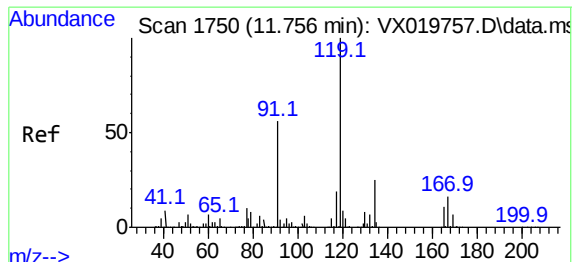
Tgt Ion: 75 Resp: 35917  
Ion Ratio Lower Upper  
75 100  
53 99.1 48.4 145.0  
89 46.1 22.7 68.0



#78  
4-Chlorotoluene  
Concen: 20.69 ug/l  
RT: 11.494 min Scan# 1707  
Delta R.T. -0.000 min  
Lab File: VX019763.D  
Acq: 08 Dec 2020 16:36

Tgt Ion: 91 Resp: 275812  
Ion Ratio Lower Upper  
91 100  
126 29.3 0.0 57.8





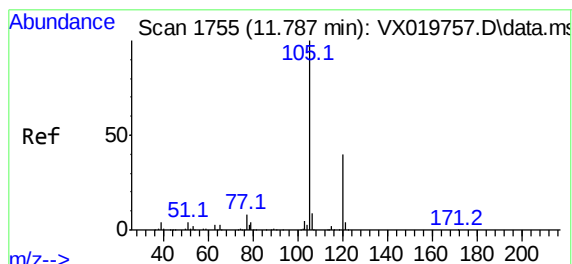
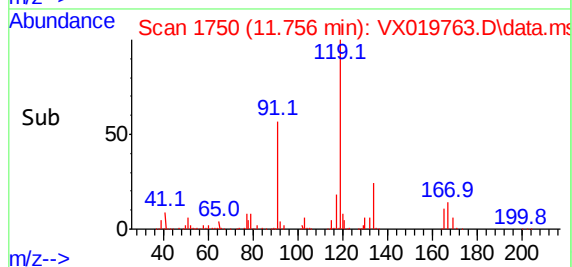
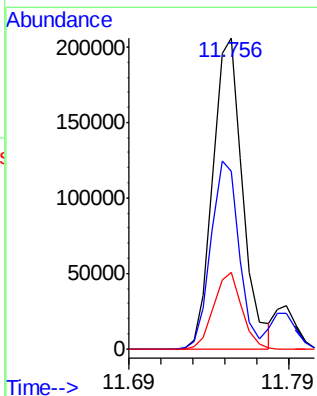
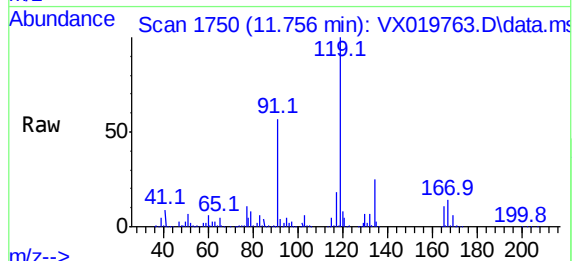
#79  
tert-butylbenzene  
Concen: 20.48 ug/l  
RT: 11.756 min Scan# 1750  
Delta R.T. -0.000 min  
Lab File: VX019763.D  
Acq: 08 Dec 2020 16:36

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1208WBS01

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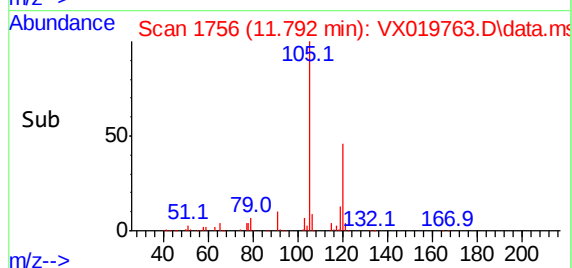
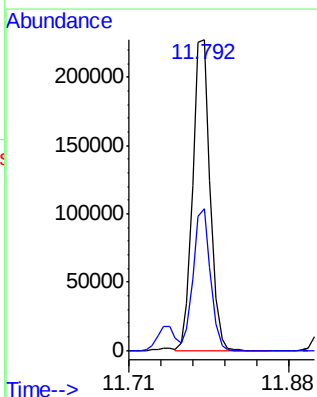
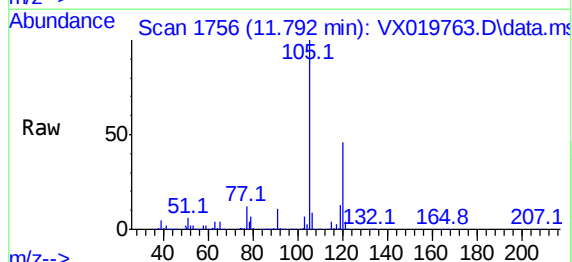
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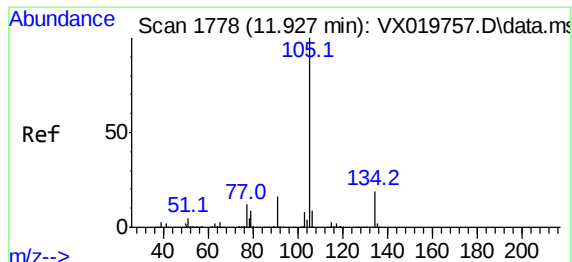
Tgt Ion:119 Resp: 279075  
Ion Ratio Lower Upper  
119 100  
91 57.1 0.0 118.0  
134 23.1 0.0 48.0



#80  
1,2,4-Trimethylbenzene  
Concen: 20.52 ug/l  
RT: 11.792 min Scan# 1756  
Delta R.T. 0.006 min  
Lab File: VX019763.D  
Acq: 08 Dec 2020 16:36

Tgt Ion:105 Resp: 286812  
Ion Ratio Lower Upper  
105 100  
120 45.1 0.0 89.8





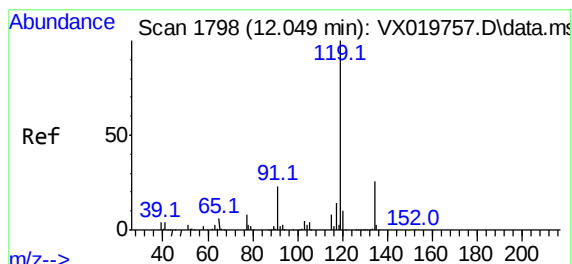
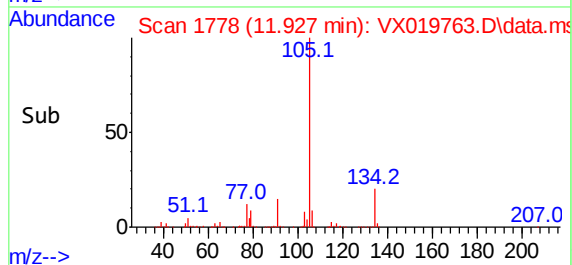
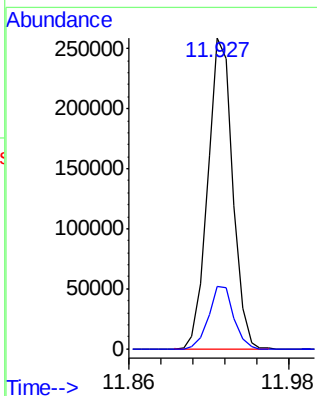
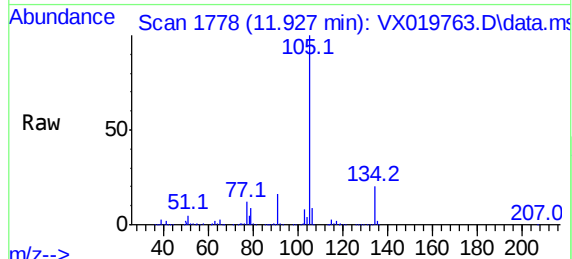
#81  
 sec-Butylbenzene  
 Concen: 20.48 ug/l  
 RT: 11.927 min Scan# 1778  
 Delta R.T. -0.000 min  
 Lab File: VX019763.D  
 Acq: 08 Dec 2020 16:36

Tgt Ion:105 Resp: 322954  
 Ion Ratio Lower Upper  
 105 100  
 134 20.2 0.0 39.6

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX1208WBS01

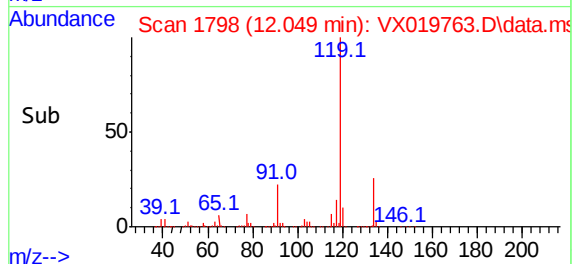
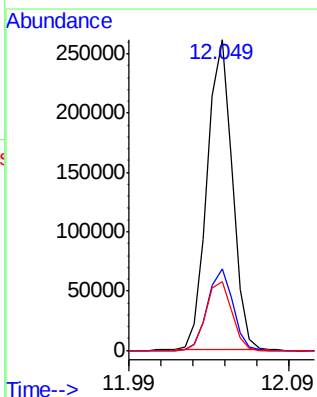
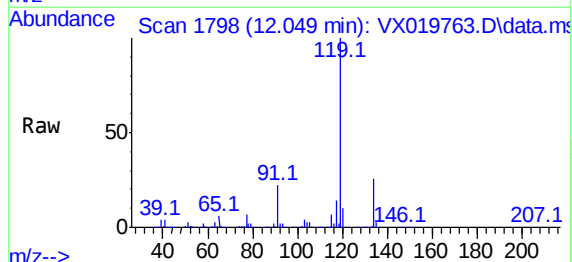
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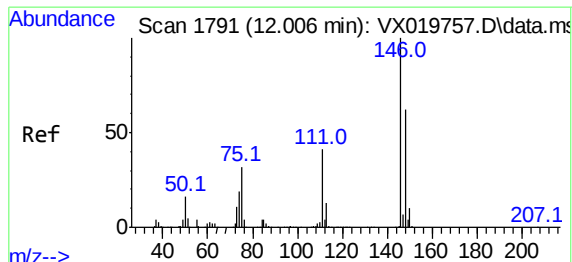
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#82  
 p-Isopropyltoluene  
 Concen: 20.62 ug/l  
 RT: 12.049 min Scan# 1798  
 Delta R.T. -0.000 min  
 Lab File: VX019763.D  
 Acq: 08 Dec 2020 16:36

Tgt Ion:119 Resp: 298198  
 Ion Ratio Lower Upper  
 119 100  
 134 26.3 0.0 52.8  
 91 23.2 0.0 47.4



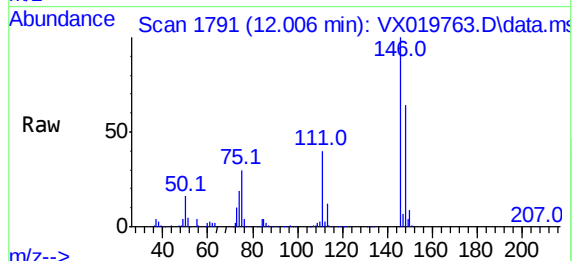


#83  
1,3-Dichlorobenzene  
Concen: 20.47 ug/l  
RT: 12.006 min Scan# 1791  
Delta R.T. -0.000 min  
Lab File: VX019763.D  
Acq: 08 Dec 2020 16:36

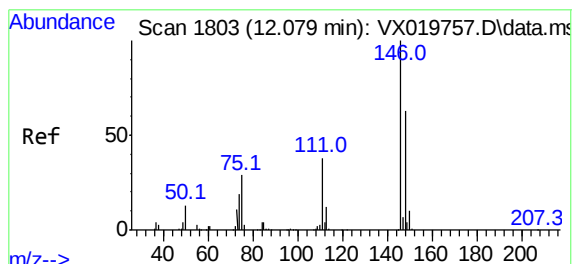
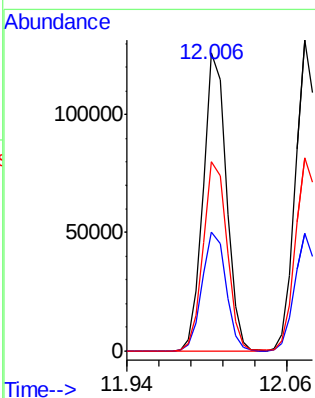
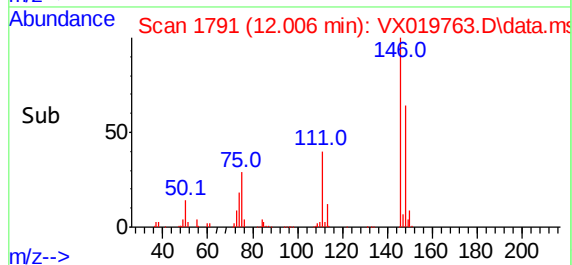
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MSVOA\_X  
ClientSampleId :  
VX1208WBS01

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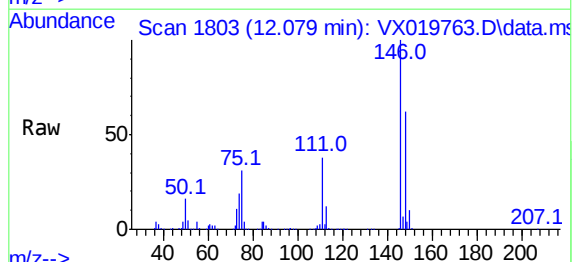
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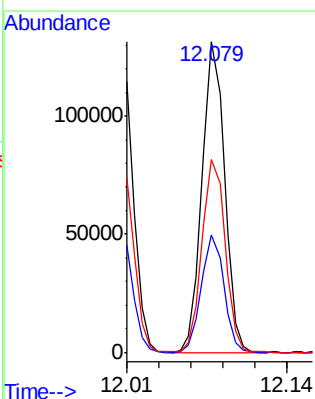
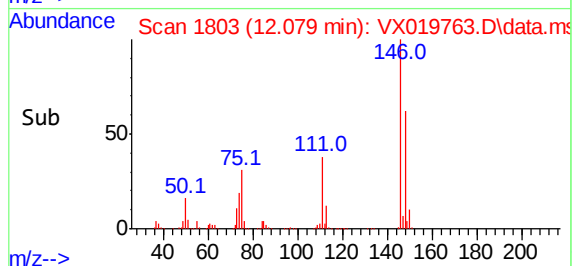
Tgt Ion:146 Resp: 154330  
Ion Ratio Lower Upper  
146 100  
111 40.7 20.3 60.9  
148 65.2 31.9 95.9

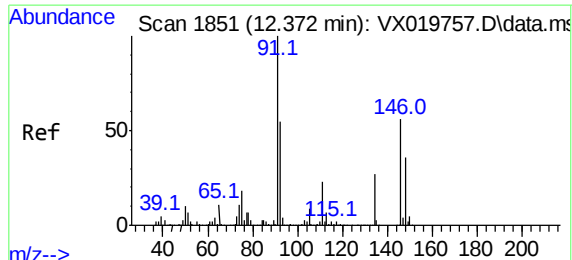


#84  
1,4-Dichlorobenzene  
Concen: 20.75 ug/l  
RT: 12.079 min Scan# 1803  
Delta R.T. -0.000 min  
Lab File: VX019763.D  
Acq: 08 Dec 2020 16:36



Tgt Ion:146 Resp: 157358  
Ion Ratio Lower Upper  
146 100  
111 38.0 19.1 57.3  
148 63.6 31.9 95.5



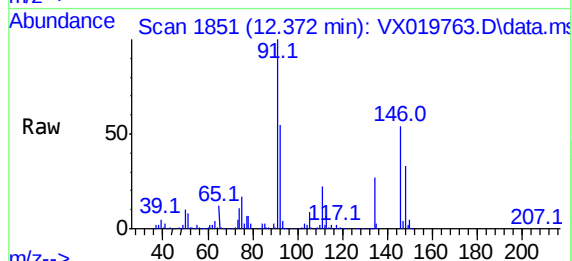


#85  
n-Butylbenzene  
Concen: 20.01 ug/l  
RT: 12.372 min Scan# 1851  
Delta R.T. -0.000 min  
Lab File: VX019763.D  
Acq: 08 Dec 2020 16:36

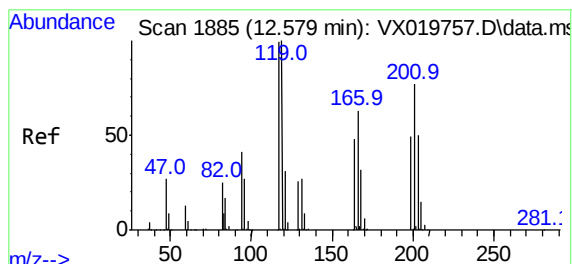
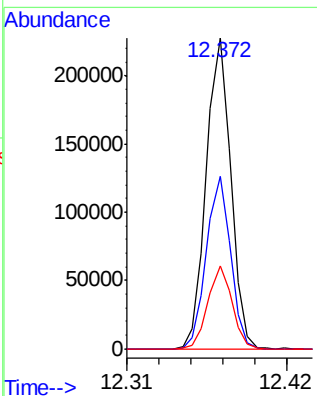
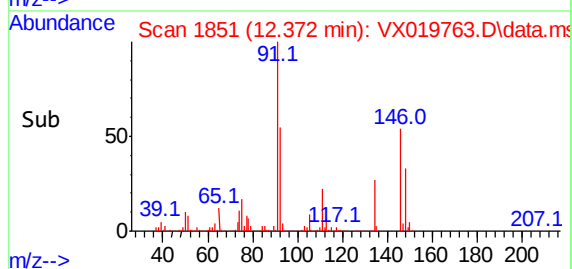
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1208WBS01

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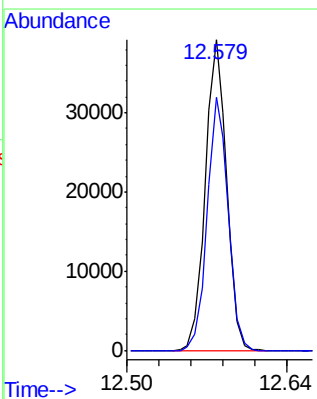
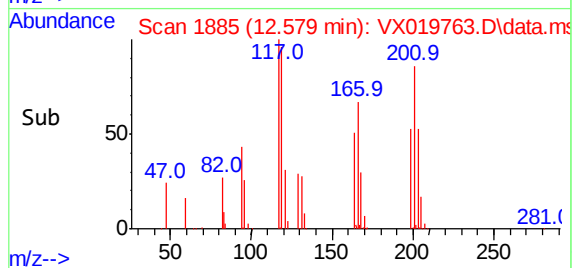
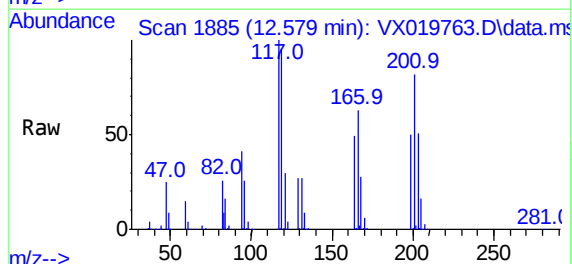


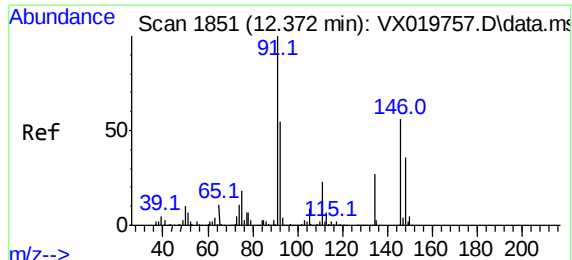
Tgt Ion: 91 Resp: 254355  
Ion Ratio Lower Upper  
91 100  
92 54.6 0.0 109.0  
134 26.0 0.0 51.8



#86  
Hexachloroethane  
Concen: 19.50 ug/l  
RT: 12.579 min Scan# 1885  
Delta R.T. -0.000 min  
Lab File: VX019763.D  
Acq: 08 Dec 2020 16:36

Tgt Ion: 117 Resp: 49628  
Ion Ratio Lower Upper  
117 100  
201 80.2 40.5 121.4



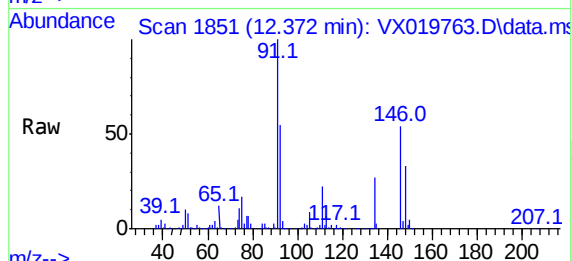


#87  
1,2-Dichlorobenzene  
Concen: 20.70 ug/l  
RT: 12.372 min Scan# 1851  
Delta R.T. -0.000 min  
Lab File: VX019763.D  
Acq: 08 Dec 2020 16:36

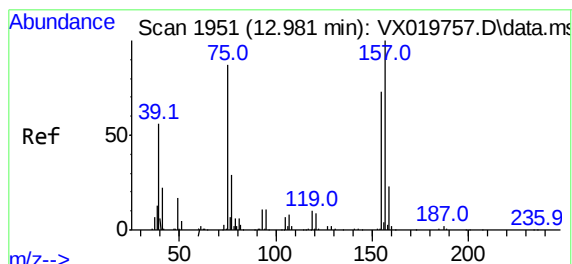
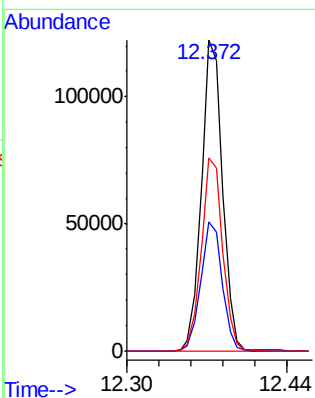
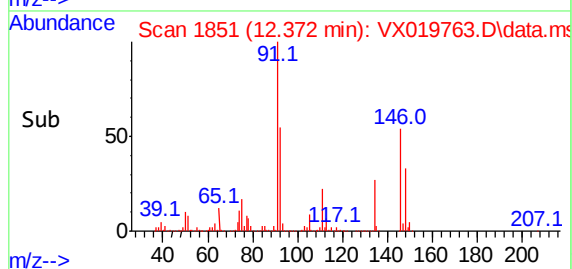
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1208WBS01

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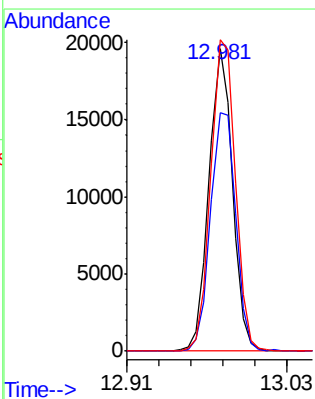
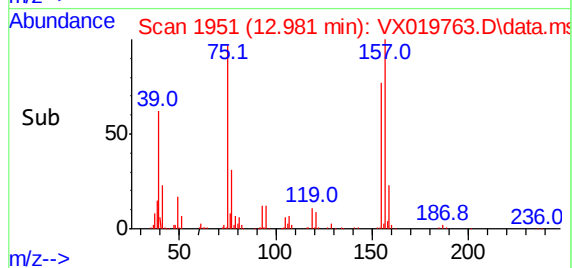
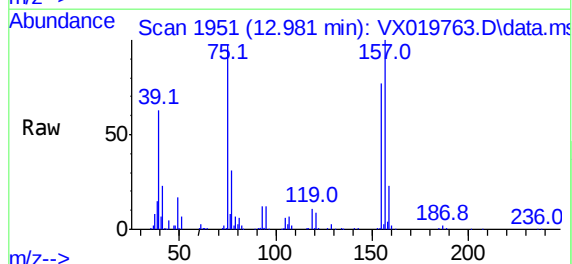


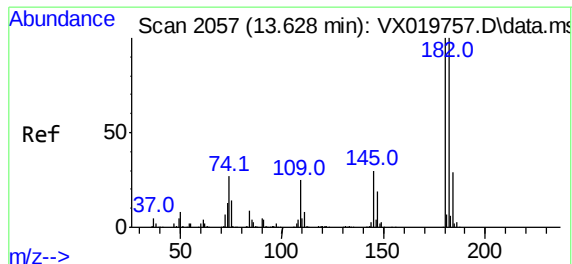
Tgt Ion:146 Resp: 153373  
Ion Ratio Lower Upper  
146 100  
111 42.1 20.8 62.5  
148 62.8 32.4 97.0



#88  
1,2-Dibromo-3-Chloropropane  
Concen: 19.70 ug/l  
RT: 12.981 min Scan# 1951  
Delta R.T. -0.000 min  
Lab File: VX019763.D  
Acq: 08 Dec 2020 16:36

Tgt Ion: 75 Resp: 24355  
Ion Ratio Lower Upper  
75 100  
155 85.2 68.9 103.3  
157 108.2 91.3 136.9





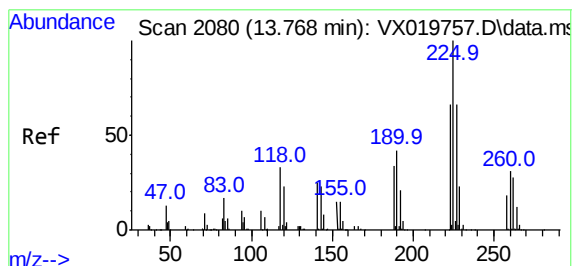
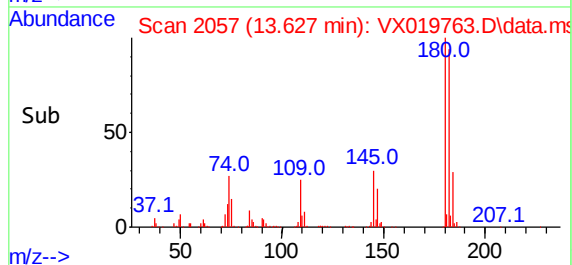
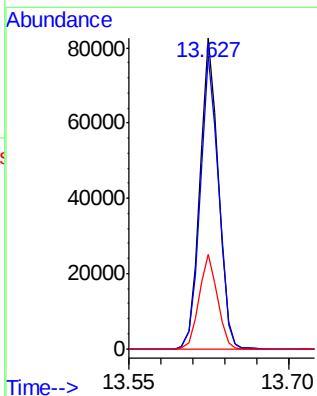
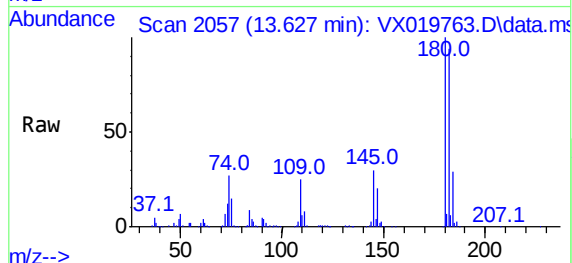
#89  
1,2,4-Trichlorobenzene  
Concen: 19.72 ug/l  
RT: 13.627 min Scan# 2057  
Delta R.T. -0.000 min  
Lab File: VX019763.D  
Acq: 08 Dec 2020 16:36

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1208WBS01

Tgt Ion:180 Resp: 96427  
Ion Ratio Lower Upper  
180 100  
182 94.4 77.9 116.9  
145 30.3 24.3 36.5

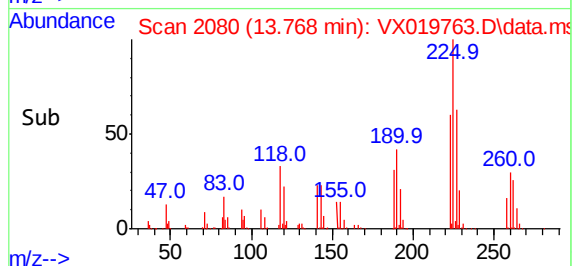
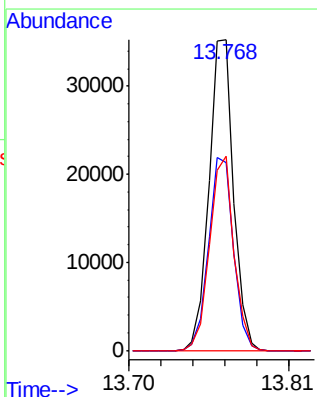
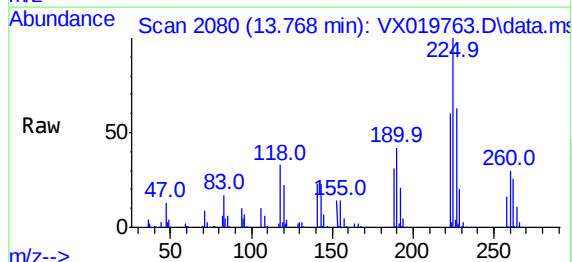
Manual Integrations  
APPROVED

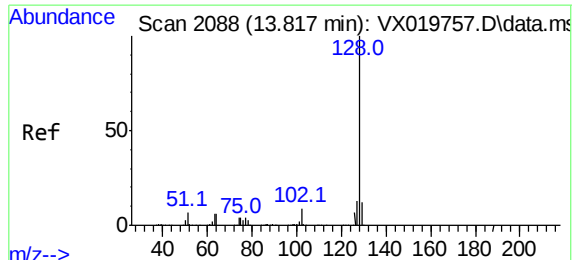
MMDadoda  
12/10/2020 10:17:58 AM



#90  
Hexachlorobutadiene  
Concen: 20.40 ug/l  
RT: 13.768 min Scan# 2080  
Delta R.T. -0.000 min  
Lab File: VX019763.D  
Acq: 08 Dec 2020 16:36

Tgt Ion:225 Resp: 43629  
Ion Ratio Lower Upper  
225 100  
223 62.9 0.0 129.4  
227 61.7 0.0 130.4



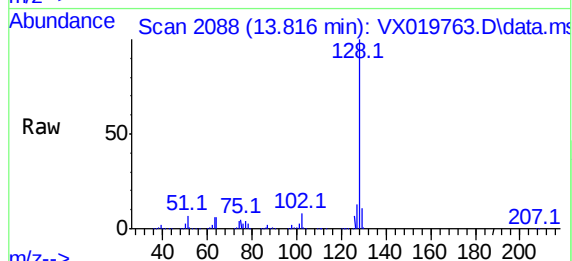


#91  
Naphthalene  
Concen: 19.68 ug/l  
RT: 13.816 min Scan# 2088  
Delta R.T. -0.000 min  
Lab File: VX019763.D  
Acq: 08 Dec 2020 16:36

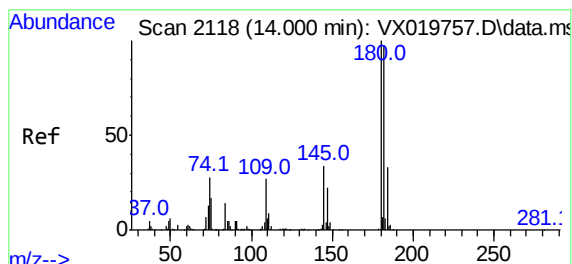
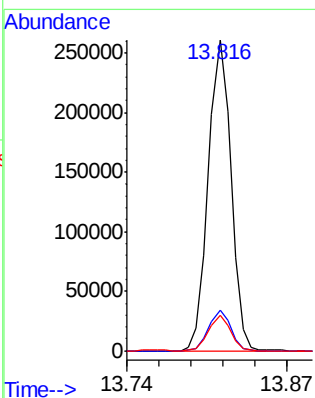
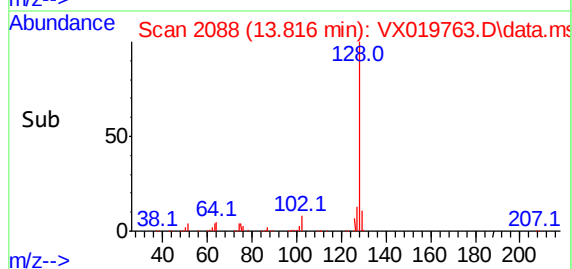
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1208WBS01

Manual Integrations  
APPROVED

MMDadoda  
12/10/2020 10:17:58 AM



Tgt Ion:128 Resp: 315170  
Ion Ratio Lower Upper  
128 100  
127 12.8 10.2 15.4  
129 10.9 8.8 13.2



#92  
1,2,3-Trichlorobenzene  
Concen: 20.01 ug/l  
RT: 13.999 min Scan# 2118  
Delta R.T. -0.000 min  
Lab File: VX019763.D  
Acq: 08 Dec 2020 16:36

Tgt Ion:180 Resp: 96092  
Ion Ratio Lower Upper  
180 100  
182 93.9 0.0 192.4  
145 32.3 0.0 66.4

