

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX101521\  
 Data File : VX024820.D  
 Acq On : 14 Oct 2021 17:59  
 Operator : JC/MD  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTD050689

Quant Time: Oct 14 23:02:52 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\SFAMXML100721WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Thu Oct 07 23:05:28 2021  
 Response via : Initial Calibration

| Compound                      | R.T.    | QIon  | Response | Conc     | Units | Dev(Min) |
|-------------------------------|---------|-------|----------|----------|-------|----------|
| -----                         |         |       |          |          |       |          |
| Internal Standards            |         |       |          |          |       |          |
| 1) 1,4-Difluorobenzene        | 6.769   | 114   | 260919   | 50.000   | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 10.055  | 117   | 254879   | 50.000   | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 12.024  | 152   | 133596   | 50.000   | ug/L  | 0.00     |
|                               |         |       |          |          |       |          |
| System Monitoring Compounds   |         |       |          |          |       |          |
| 4) Vinyl Chloride-d3          | 1.368   | 65    | 72978    | 45.174   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 135 | Recovery | =     | 90.340%  |
| 7) Chloroethane-d5            | 1.660   | 69    | 58155    | 54.685   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 130 | Recovery | =     | 109.380% |
| 11) 1,1-Dichloroethene-d2     | 2.306   | 63    | 157636   | 49.698   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =     | 99.400%  |
| 21) 2-Butanone-d5             | 4.465   | 46    | 149995   | 112.935  | ug/L  | 0.00     |
| Spiked Amount                 | 100.000 | Range | 40 - 130 | Recovery | =     | 112.940% |
| 24) Chloroform-d              | 5.062   | 84    | 177595   | 54.280   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =     | 108.560% |
| 26) 1,2-Dichloroethane-d4     | 5.964   | 65    | 121039   | 52.308   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =     | 104.620% |
| 32) Benzene-d6                | 5.983   | 84    | 327678   | 45.638   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =     | 91.280%  |
| 36) 1,2-Dichloropropane-d6    | 7.312   | 67    | 105785   | 47.107   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 120 | Recovery | =     | 94.220%  |
| 41) Toluene-d8                | 8.653   | 98    | 312467   | 44.668   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =     | 89.340%  |
| 43) trans-1,3-Dichloroprop... | 8.952   | 79    | 54435    | 48.921   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =     | 97.840%  |
| 47) 2-Hexanone-d5             | 9.390   | 63    | 107801   | 102.254  | ug/L  | 0.00     |
| Spiked Amount                 | 100.000 | Range | 45 - 130 | Recovery | =     | 102.250% |
| 56) 1,1,2,2-Tetrachloroeth... | 11.195  | 84    | 163607   | 52.899   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000  | Range | 65 - 120 | Recovery | =     | 105.800% |
| 66) 1,2-Dichlorobenzene-d4    | 12.323  | 152   | 129438   | 49.518   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =     | 99.040%  |
|                               |         |       |          |          |       |          |
| Target Compounds              |         |       |          |          |       | Qvalue   |
| 2) Dichlorodifluoromethane    | 1.166   | 85    | 115769   | 50.191   | ug/L  | 99       |
| 3) Chloromethane              | 1.294   | 50    | 88378    | 46.929   | ug/L  | 96       |
| 5) Vinyl chloride             | 1.374   | 62    | 93634    | 49.282   | ug/L  | 100      |
| 6) Bromomethane               | 1.599   | 94    | 55633    | 53.063   | ug/L  | 96       |
| 8) Chloroethane               | 1.685   | 64    | 55594    | 56.049   | ug/L  | 98       |
| 9) Trichlorofluoromethane     | 1.886   | 101   | 152860   | 57.082   | ug/L  | 99       |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.331   | 101   | 91316    | 54.790   | ug/L  | 95       |
| 12) 1,1-Dichloroethene        | 2.319   | 96    | 80239    | 53.542   | ug/L  | 92       |
| 13) Acetone                   | 2.386   | 43    | 149120   | 113.586  | ug/L  | 91       |
| 14) Carbon disulfide          | 2.514   | 76    | 216881   | 50.126   | ug/L  | 98       |
| 15) Methyl Acetate            | 2.709   | 43    | 105025   | 50.211   | ug/L  | 92       |
| 16) Methylene chloride        | 2.788   | 84    | 93892    | 52.072   | ug/L  | 91       |
| 17) trans-1,2-Dichloroethene  | 3.093   | 96    | 86355    | 50.824   | ug/L  | 91       |
| 18) Methyl tert-butyl Ether   | 3.123   | 73    | 289067   | 51.725   | ug/L  | 97       |
| 19) 1,1-Dichloroethane        | 3.611   | 63    | 162936   | 51.324   | ug/L  | 99       |
| 20) cis-1,2-Dichloroethene    | 4.495   | 96    | 96520    | 50.332   | ug/L  | 94       |
| 22) 2-Butanone                | 4.568   | 43    | 177716   | 102.258  | ug/L  | 93       |
| 23) Bromochloromethane        | 4.904   | 128   | 50808    | 50.698   | ug/L  | 97       |
| 25) Chloroform                | 5.099   | 83    | 181560   | 50.579   | ug/L  | 99       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX101521\  
 Data File : VX024820.D  
 Acq On : 14 Oct 2021 17:59  
 Operator : JC/MD  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 2 Sample Multiplier: 1

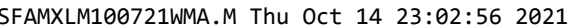
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTD050689

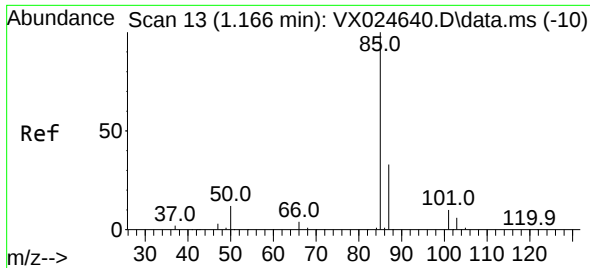
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\SFAMXML100721WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Thu Oct 07 23:05:28 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 27) 1,2-Dichloroethane        | 6.092  | 62   | 147047   | 52.799 | ug/L  | 96       |
| 29) Cyclohexane               | 5.477  | 56   | 148800   | 47.036 | ug/L  | 99       |
| 30) 1,1,1-Trichloroethane     | 5.391  | 97   | 161069   | 48.191 | ug/L  | 99       |
| 31) Carbon tetrachloride      | 5.684  | 117  | 140319   | 47.852 | ug/L  | 100      |
| 33) Benzene                   | 6.044  | 78   | 371752   | 47.201 | ug/L  | 100      |
| 34) Trichloroethene           | 7.129  | 95   | 101160   | 46.664 | ug/L  | 99       |
| 35) Methylcyclohexane         | 7.385  | 83   | 163357   | 47.400 | ug/L  | 99       |
| 37) 1,2-Dichloropropane       | 7.434  | 63   | 97013    | 46.770 | ug/L  | 100      |
| 38) Bromodichloromethane      | 7.824  | 83   | 127384   | 48.074 | ug/L  | 97       |
| 39) cis-1,3-Dichloropropene   | 8.366  | 75   | 148968   | 47.898 | ug/L  | 99       |
| 40) 4-Methyl-2-pentanone      | 8.580  | 43   | 298048   | 94.430 | ug/L  | 93       |
| 42) Toluene                   | 8.720  | 91   | 417156   | 47.454 | ug/L  | 100      |
| 44) trans-1,3-Dichloropropene | 8.982  | 75   | 151955   | 50.024 | ug/L  | 98       |
| 45) 1,1,2-Trichloroethane     | 9.159  | 97   | 97010    | 48.102 | ug/L  | 96       |
| 46) Tetrachloroethene         | 9.275  | 164  | 81031    | 47.953 | ug/L  | 94       |
| 48) 2-Hexanone                | 9.433  | 43   | 252952   | 98.244 | ug/L  | 91       |
| 49) Dibromochloromethane      | 9.525  | 129  | 103365   | 49.285 | ug/L  | 94       |
| 50) 1,2-Dibromoethane         | 9.610  | 107  | 105379   | 48.382 | ug/L  | 97       |
| 51) Chlorobenzene             | 10.086 | 112  | 266612   | 50.320 | ug/L  | 95       |
| 52) Ethylbenzene              | 10.195 | 91   | 459697   | 50.787 | ug/L  | 98       |
| 53) m,p-Xylene                | 10.305 | 106  | 183820   | 51.981 | ug/L  | 99       |
| 54) o-Xylene                  | 10.646 | 106  | 177593   | 50.279 | ug/L  | 95       |
| 55) Styrene                   | 10.659 | 104  | 301865   | 51.200 | ug/L  | 94       |
| 57) 1,1,2,2-Tetrachloroethane | 11.213 | 83   | 157963   | 49.556 | ug/L  | 99       |
| 59) Bromoform                 | 10.805 | 173  | 73693    | 48.752 | ug/L  | 98       |
| 60) Isopropylbenzene          | 10.963 | 105  | 472635   | 51.375 | ug/L  | 100      |
| 61) 1,2,3-Trichloropropane    | 11.244 | 75   | 130946   | 47.754 | ug/L  | 99       |
| 62) 1,3,5-Trimethylbenzene    | 11.457 | 105  | 409189   | 50.640 | ug/L  | 100      |
| 63) 1,2,4-Trimethylbenzene    | 11.756 | 105  | 411728   | 52.124 | ug/L  | 98       |
| 64) 1,3-Dichlorobenzene       | 11.969 | 146  | 217466   | 50.688 | ug/L  | 95       |
| 65) 1,4-Dichlorobenzene       | 12.042 | 146  | 216523   | 50.525 | ug/L  | 99       |
| 67) 1,2-Dichlorobenzene       | 12.335 | 146  | 215414   | 50.853 | ug/L  | 99       |
| 68) 1,2-Dibromo-3-chloropr... | 12.945 | 75   | 35678    | 48.403 | ug/L  | 96       |
| 69) 1,3,5-Trichlorobenzene    | 13.115 | 180  | 156600   | 50.817 | ug/L  | 98       |
| 70) 1,2,4-trichlorobenzene    | 13.591 | 180  | 135209   | 51.855 | ug/L  | 97       |
| 71) Naphthalene               | 13.780 | 128  | 475230   | 54.600 | ug/L  | 100      |
| 72) 1,2,3-Trichlorobenzene    | 13.963 | 180  | 142085   | 52.809 | ug/L  | 99       |

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

Quant Time: Oct 14 23:02:52 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\SFAMXMLM100721WMA.M  
Quant Title : VOC Analysis  
QLast Update : Thu Oct 07 23:05:28 2021  
Response via : Initial Calibration

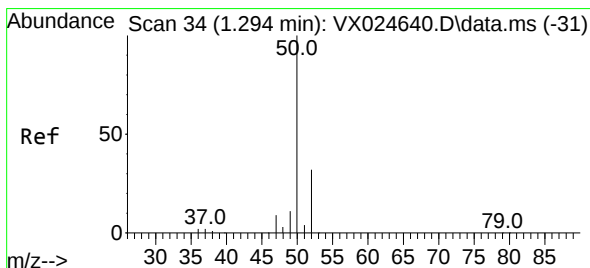
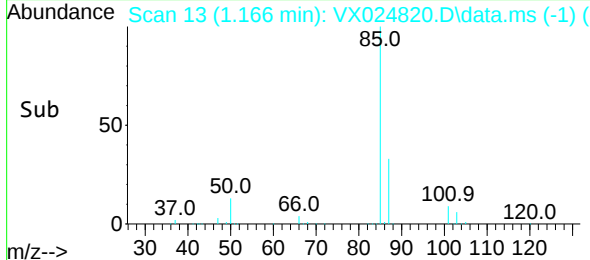
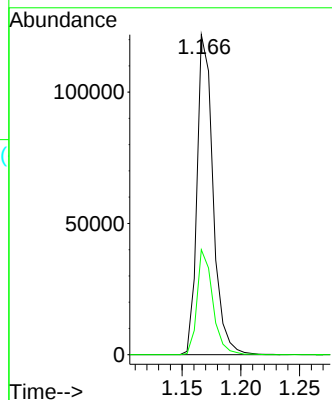
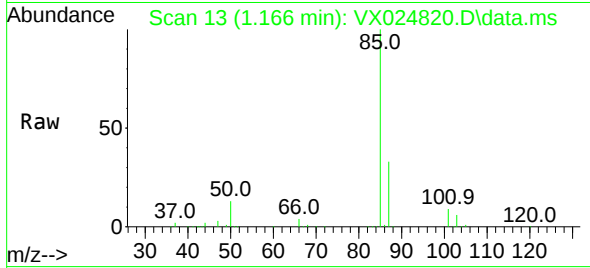




#2  
 Dichlorodifluoromethane  
 Concen: 50.191 ug/L  
 RT: 1.166 min Scan# 13  
 Delta R.T. -0.000 min  
 Lab File: VX024820.D  
 Acq: 14 Oct 2021 17:59

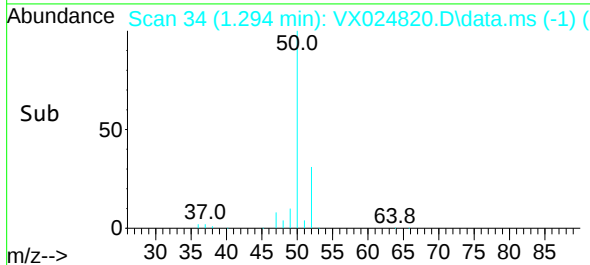
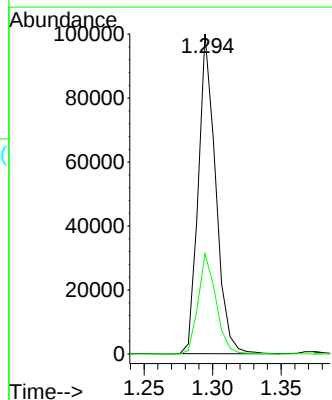
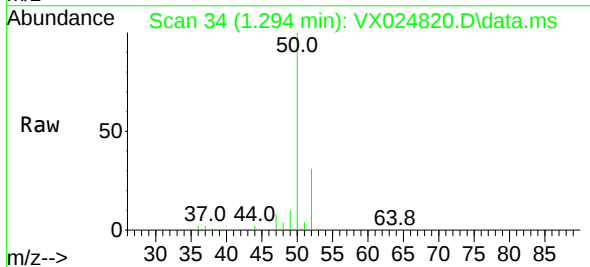
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTD050689

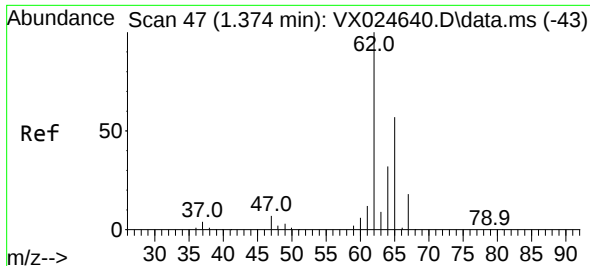
Tgt Ion: 85 Resp: 115769  
 Ion Ratio Lower Upper  
 85 100  
 87 32.0 25.9 38.9



#3  
 Chloromethane  
 Concen: 46.929 ug/L  
 RT: 1.294 min Scan# 34  
 Delta R.T. -0.000 min  
 Lab File: VX024820.D  
 Acq: 14 Oct 2021 17:59

Tgt Ion: 50 Resp: 88378  
 Ion Ratio Lower Upper  
 50 100  
 52 31.3 23.7 43.9

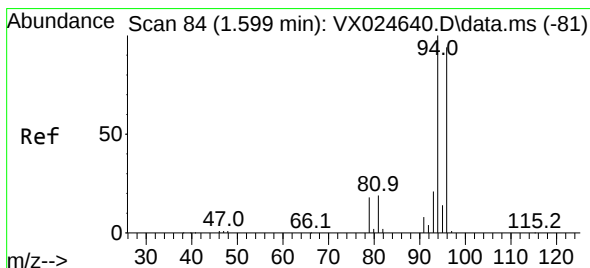
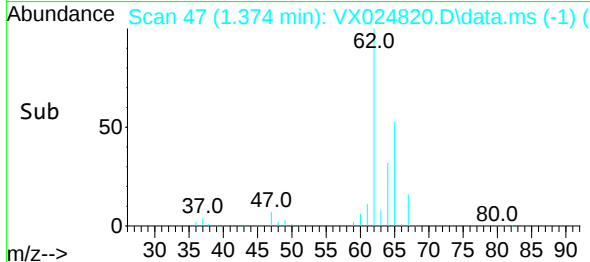
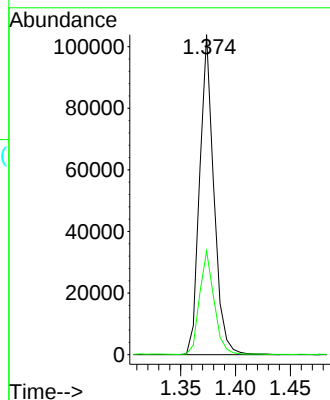
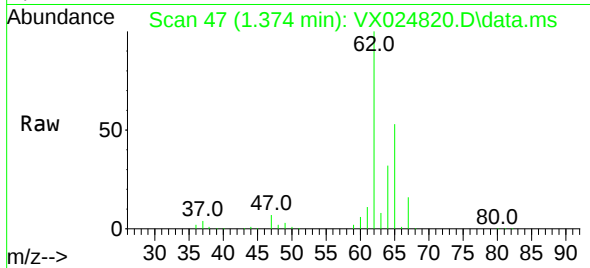




#5  
 Vinyl chloride  
 Concen: 49.282 ug/L  
 RT: 1.374 min Scan# 47  
 Delta R.T. -0.000 min  
 Lab File: VX024820.D  
 Acq: 14 Oct 2021 17:59

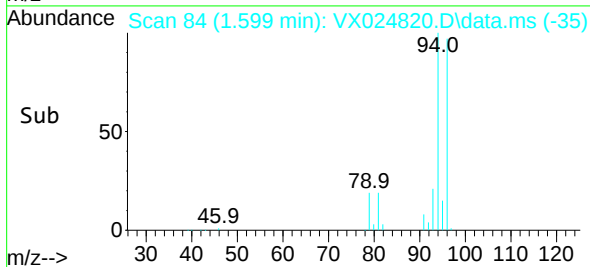
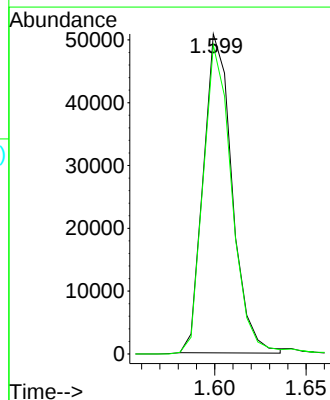
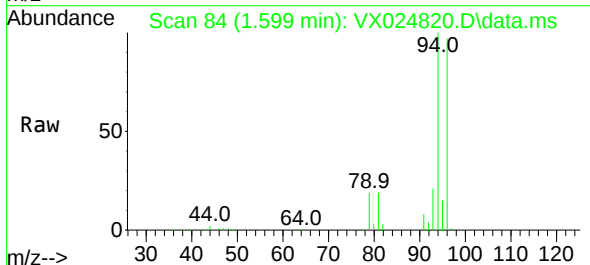
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTD050689

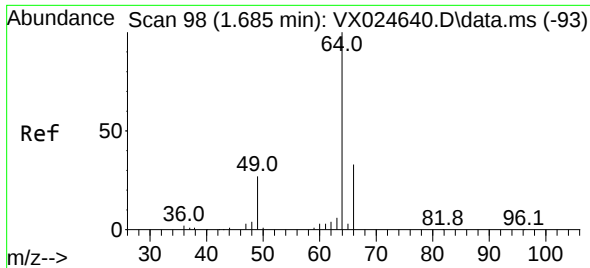
Tgt Ion: 62 Resp: 93634  
 Ion Ratio Lower Upper  
 62 100  
 64 32.4 22.7 42.3



#6  
 Bromomethane  
 Concen: 53.063 ug/L  
 RT: 1.599 min Scan# 84  
 Delta R.T. -0.000 min  
 Lab File: VX024820.D  
 Acq: 14 Oct 2021 17:59

Tgt Ion: 94 Resp: 55633  
 Ion Ratio Lower Upper  
 94 100  
 96 96.5 64.8 120.3

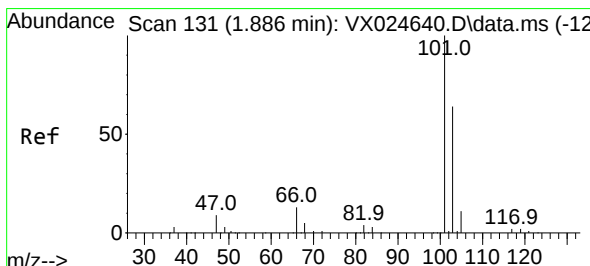
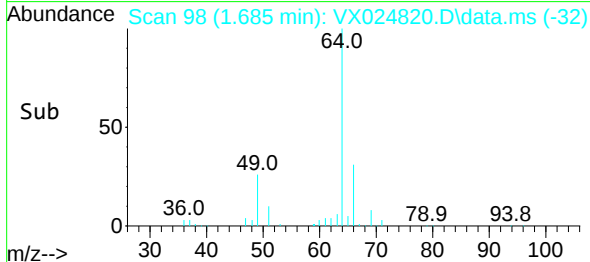
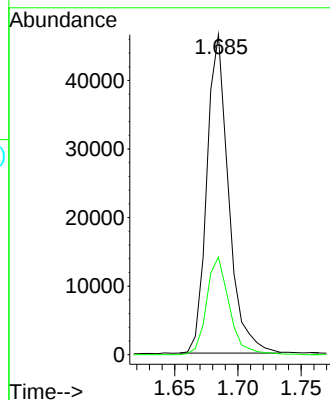
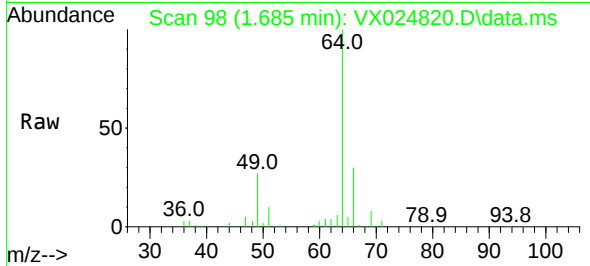




#8  
Chloroethane  
Concen: 56.049 ug/L  
RT: 1.685 min Scan# 98  
Delta R.T. -0.000 min  
Lab File: VX024820.D  
Acq: 14 Oct 2021 17:59

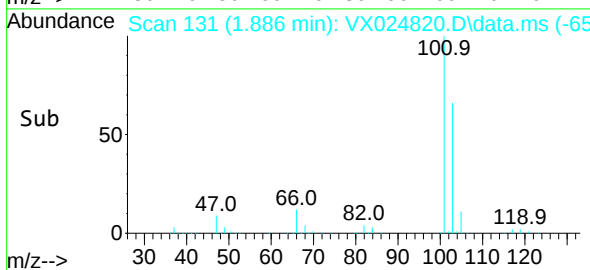
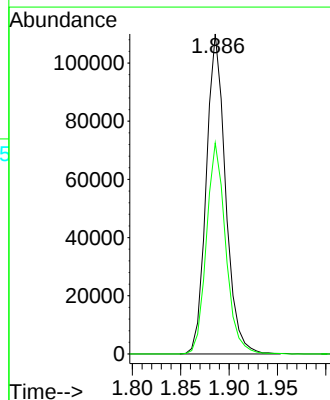
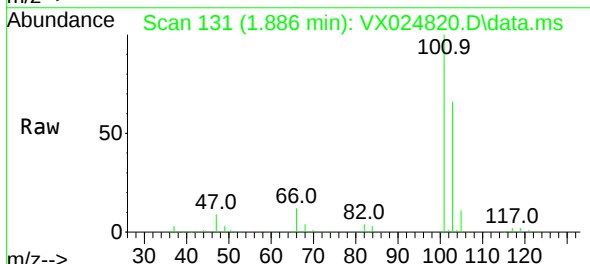
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTD050689

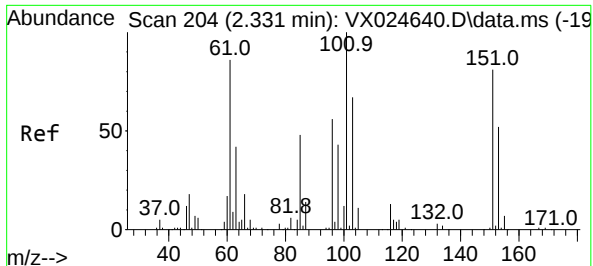
Tgt Ion: 64 Resp: 55594  
Ion Ratio Lower Upper  
64 100  
66 30.5 22.0 41.0



#9  
Trichlorofluoromethane  
Concen: 57.082 ug/L  
RT: 1.886 min Scan# 131  
Delta R.T. -0.000 min  
Lab File: VX024820.D  
Acq: 14 Oct 2021 17:59

Tgt Ion:101 Resp: 152860  
Ion Ratio Lower Upper  
101 100  
103 65.8 52.2 78.2





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 54.790 ug/L

RT: 2.331 min Scan# 204

Delta R.T. -0.000 min

Lab File: VX024820.D

Acq: 14 Oct 2021 17:59

Tgt Ion:101 Resp: 91316

Ion Ratio Lower Upper

101 100

85 45.4 34.3 51.5

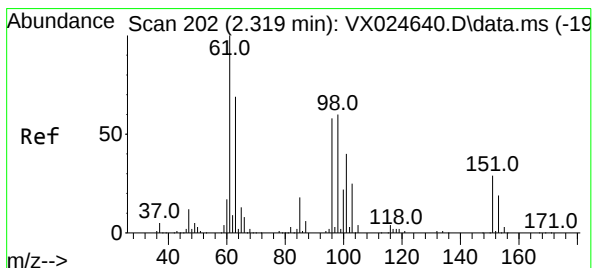
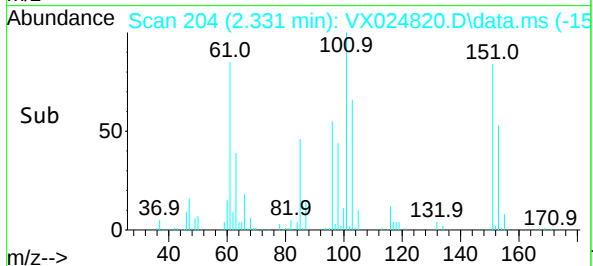
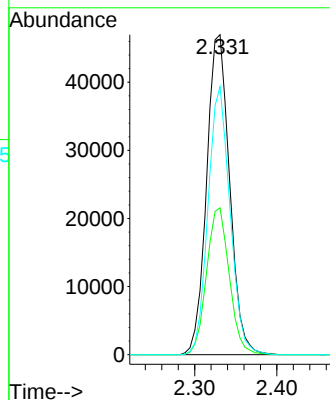
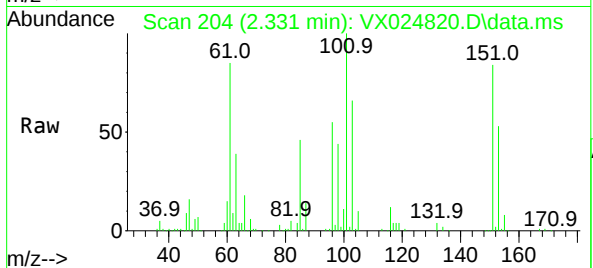
151 80.2 60.7 91.1

Instrument :

MSVOA\_X

ClientSampleId :

VSTD050689



#12

1,1-Dichloroethene

Concen: 53.542 ug/L

RT: 2.319 min Scan# 202

Delta R.T. -0.000 min

Lab File: VX024820.D

Acq: 14 Oct 2021 17:59

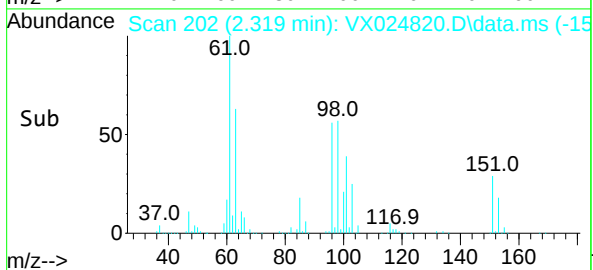
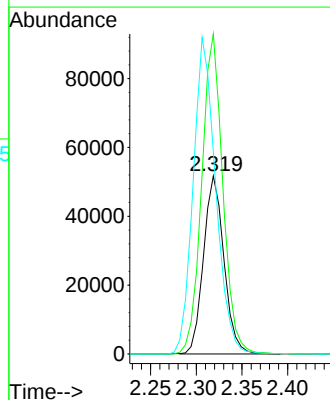
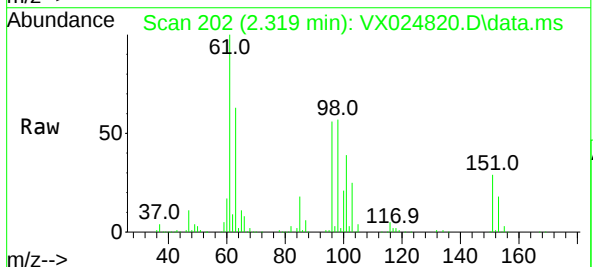
Tgt Ion: 96 Resp: 80239

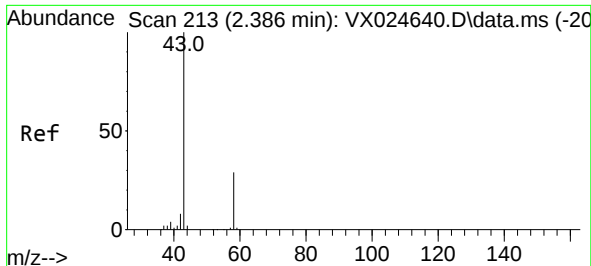
Ion Ratio Lower Upper

96 100

61 179.7 115.5 214.5

63 113.7 77.3 143.7

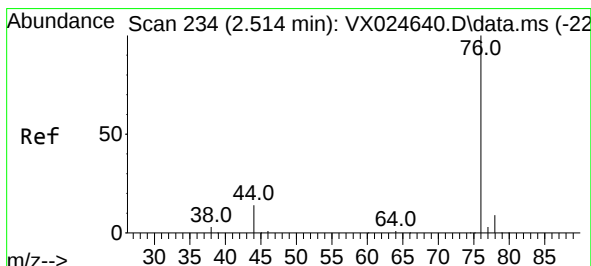
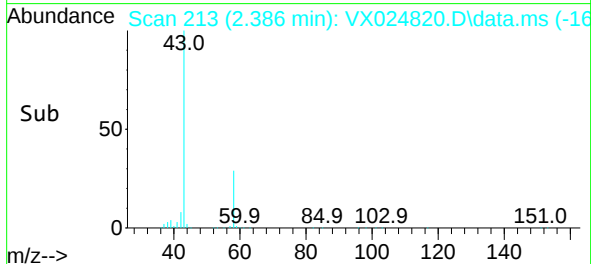
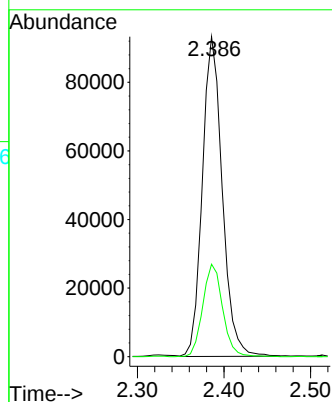
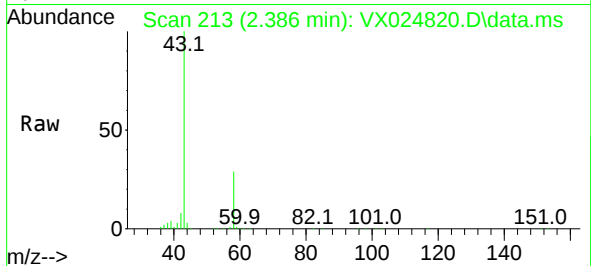




#13  
Acetone  
Concen: 113.586 ug/L  
RT: 2.386 min Scan# 213  
Delta R.T. -0.000 min  
Lab File: VX024820.D  
Acq: 14 Oct 2021 17:59

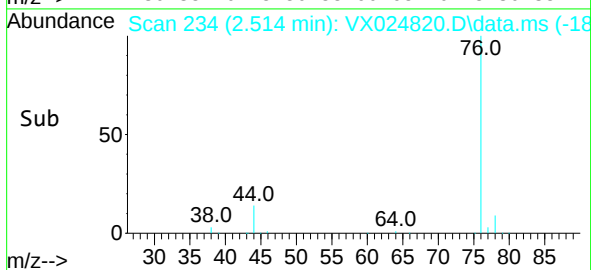
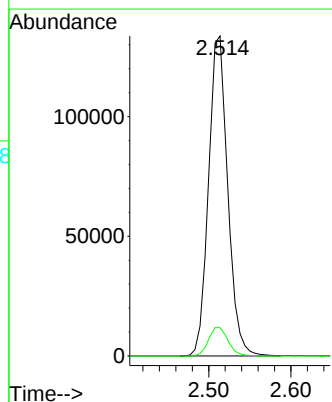
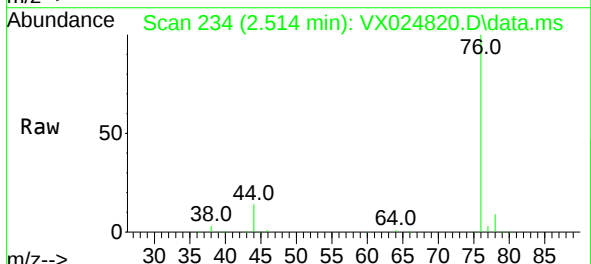
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTD050689

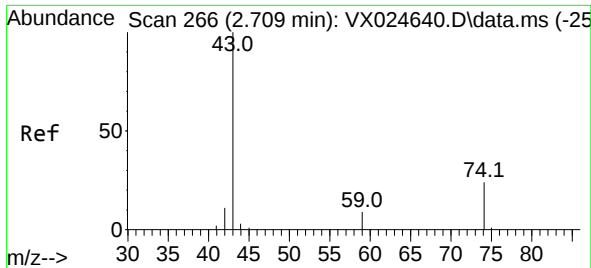
Tgt Ion: 43 Resp: 149120  
Ion Ratio Lower Upper  
43 100  
58 28.8 0.0 68.2



#14  
Carbon disulfide  
Concen: 50.126 ug/L  
RT: 2.514 min Scan# 234  
Delta R.T. -0.000 min  
Lab File: VX024820.D  
Acq: 14 Oct 2021 17:59

Tgt Ion: 76 Resp: 216881  
Ion Ratio Lower Upper  
76 100  
78 8.8 7.6 11.4

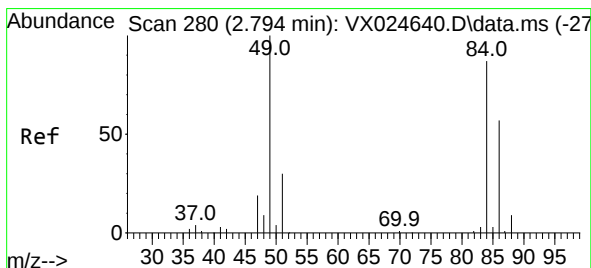
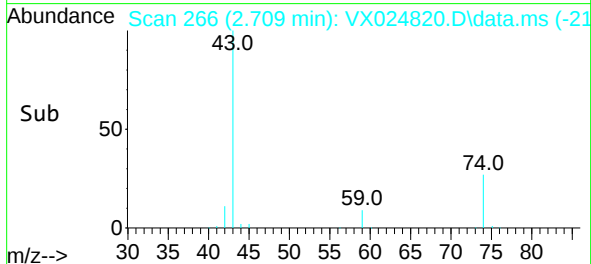
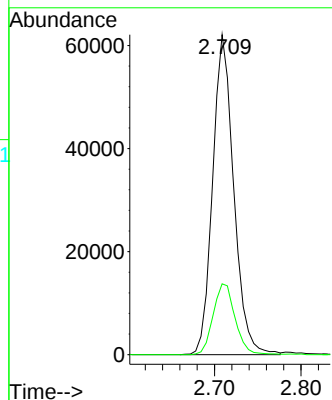
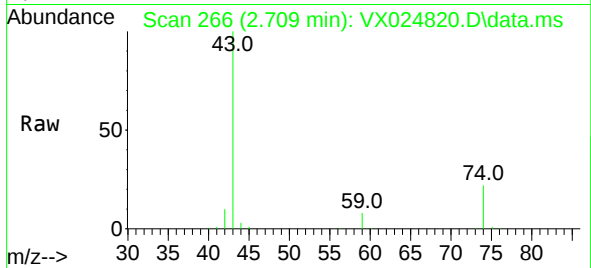




#15  
Methyl Acetate  
Concen: 50.211 ug/L  
RT: 2.709 min Scan# 266  
Delta R.T. -0.000 min  
Lab File: VX024820.D  
Acq: 14 Oct 2021 17:59

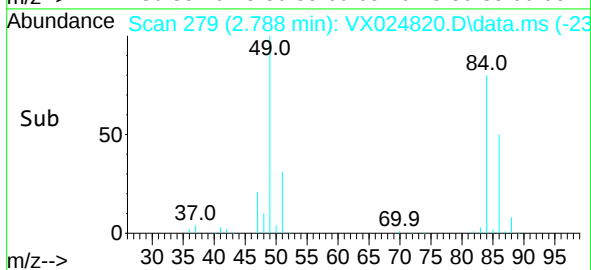
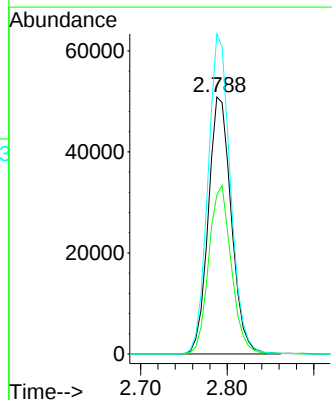
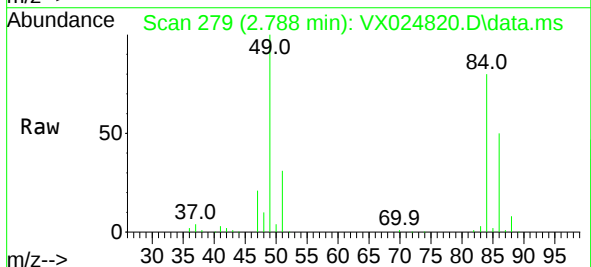
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTD050689

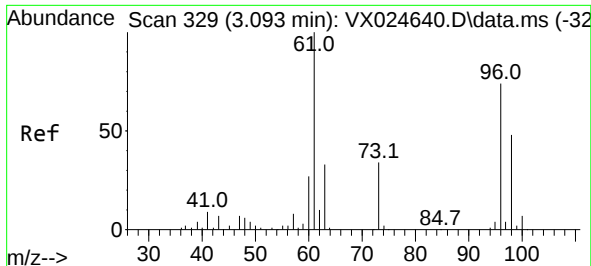
Tgt Ion: 43 Resp: 105025  
Ion Ratio Lower Upper  
43 100  
74 23.1 21.7 32.5



#16  
Methylene chloride  
Concen: 52.072 ug/L  
RT: 2.788 min Scan# 279  
Delta R.T. -0.006 min  
Lab File: VX024820.D  
Acq: 14 Oct 2021 17:59

Tgt Ion: 84 Resp: 93892  
Ion Ratio Lower Upper  
84 100  
86 61.9 44.2 82.0  
49 124.5 77.8 144.6



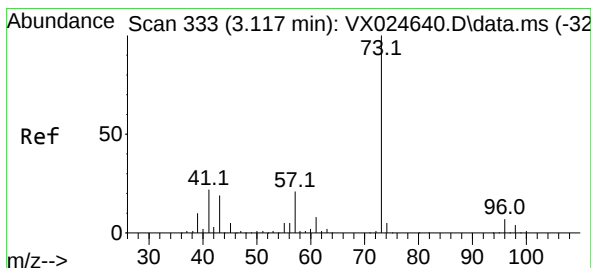
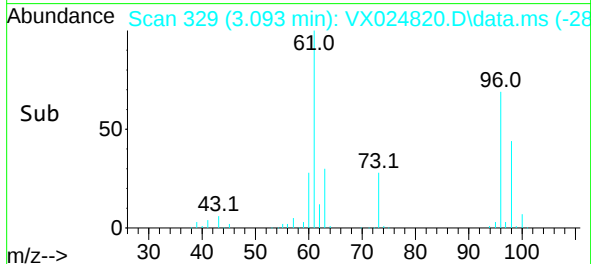
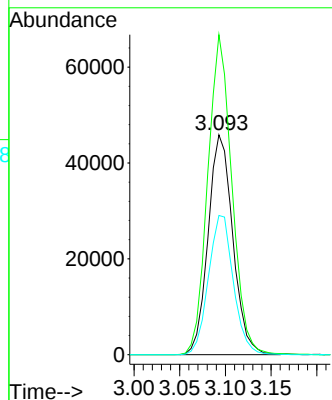
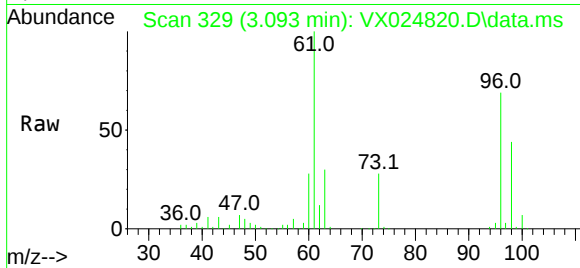


#17  
 trans-1,2-Dichloroethene  
 Concen: 50.824 ug/L  
 RT: 3.093 min Scan# 329  
 Delta R.T. -0.000 min  
 Lab File: VX024820.D  
 Acq: 14 Oct 2021 17:59

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTD050689

Tgt Ion: 96 Resp: 86355

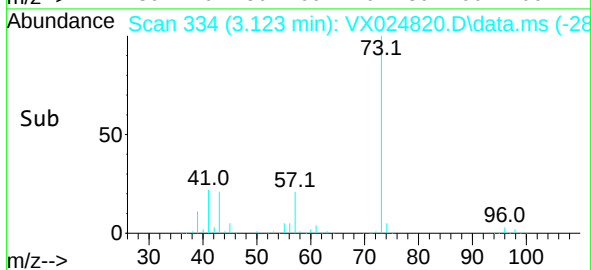
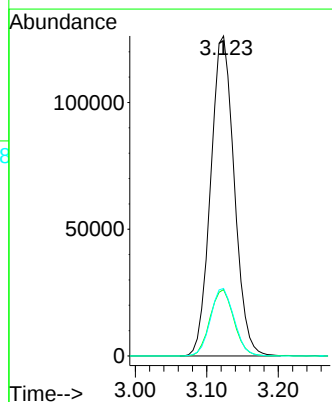
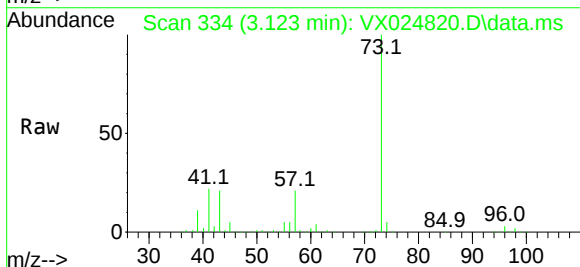
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 96  | 100   |       |       |
| 61  | 145.5 | 92.3  | 171.3 |
| 98  | 63.3  | 46.3  | 85.9  |

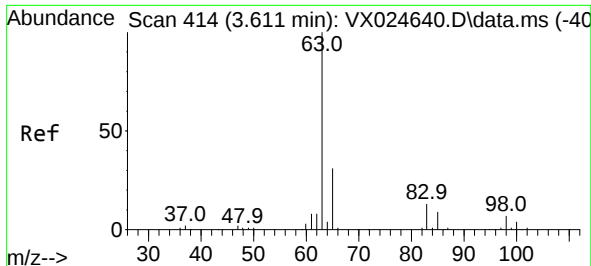


#18  
 Methyl tert-butyl Ether  
 Concen: 51.725 ug/L  
 RT: 3.123 min Scan# 334  
 Delta R.T. 0.006 min  
 Lab File: VX024820.D  
 Acq: 14 Oct 2021 17:59

Tgt Ion: 73 Resp: 289067

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 73  | 100   |       |       |
| 43  | 20.9  | 15.1  | 22.7  |
| 57  | 21.1  | 17.4  | 26.2  |





#19

1,1-Dichloroethane

Concen: 51.324 ug/L

RT: 3.611 min Scan# 414

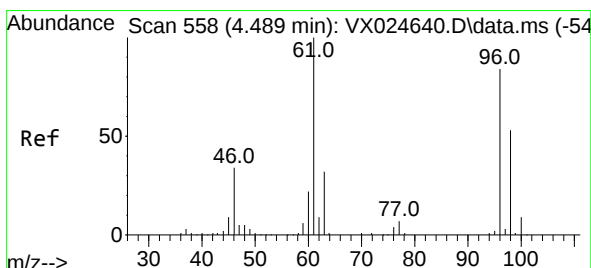
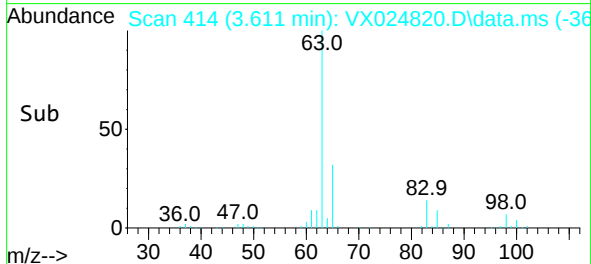
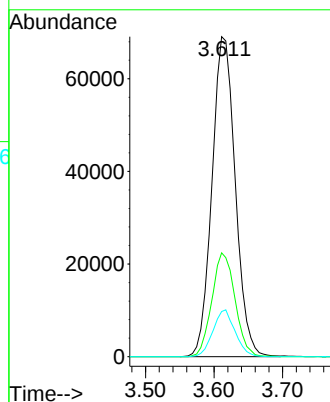
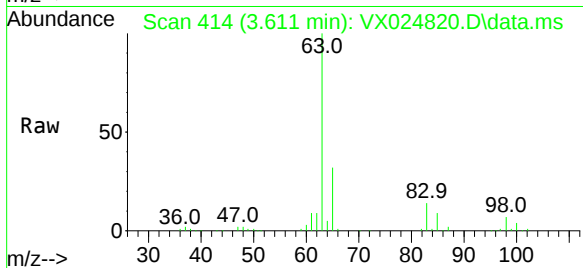
Delta R.T. -0.000 min

Lab File: VX024820.D

Acq: 14 Oct 2021 17:59

Tgt Ion: 63 Resp: 162936

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 63  | 100   |       |       |
| 65  | 32.4  | 22.4  | 41.6  |
| 83  | 14.1  | 9.5   | 17.7  |



#20

cis-1,2-Dichloroethene

Concen: 50.332 ug/L

RT: 4.495 min Scan# 559

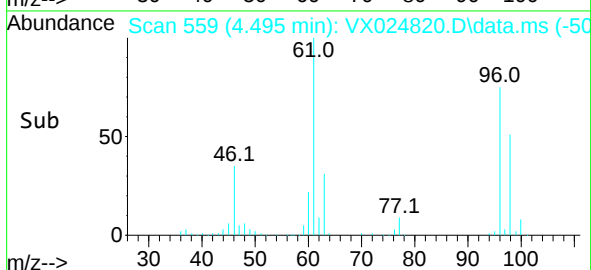
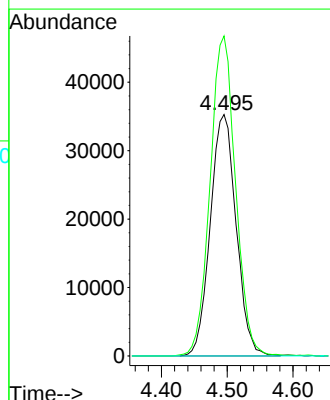
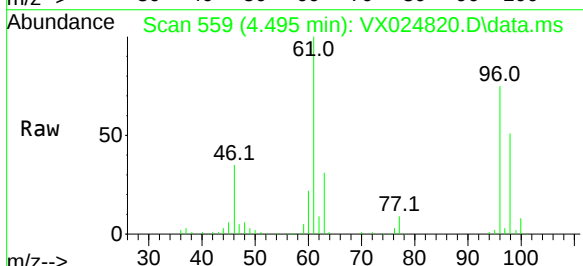
Delta R.T. 0.006 min

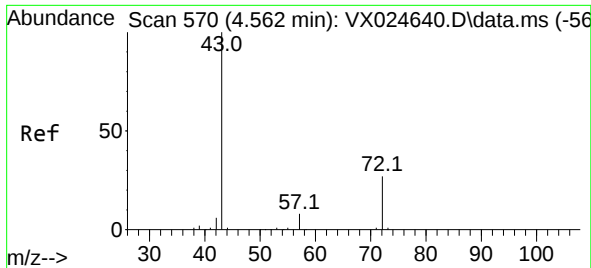
Lab File: VX024820.D

Acq: 14 Oct 2021 17:59

Tgt Ion: 96 Resp: 96520

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 96  | 100   |       |       |
| 61  | 132.5 | 87.8  | 163.0 |
| 68  | 0.0   | 0.0   | 0.0   |

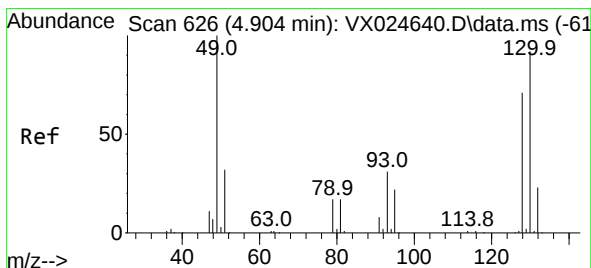
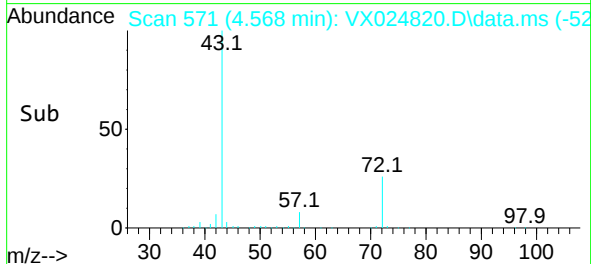
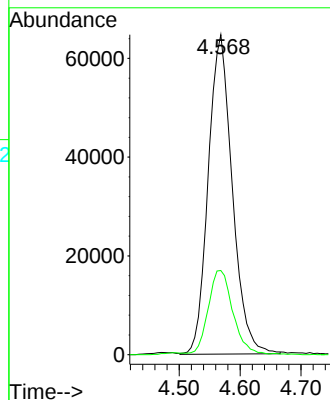
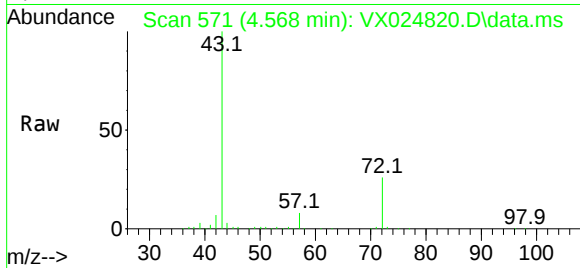




#22  
2-Butanone  
Concen: 102.258 ug/L  
RT: 4.568 min Scan# 571  
Delta R.T. 0.006 min  
Lab File: VX024820.D  
Acq: 14 Oct 2021 17:59

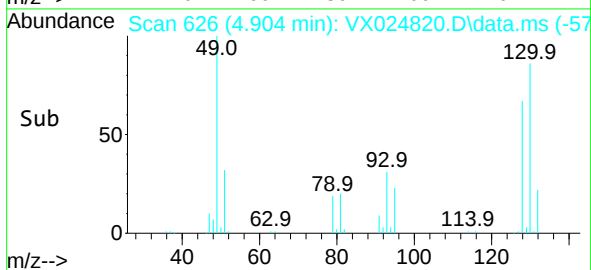
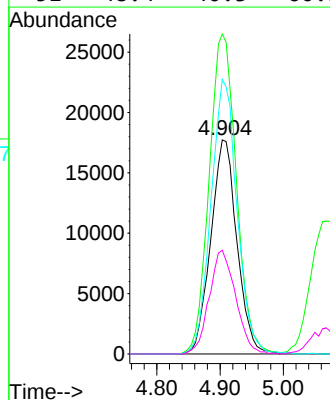
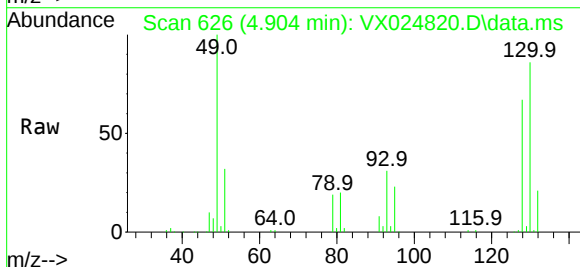
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTD050689

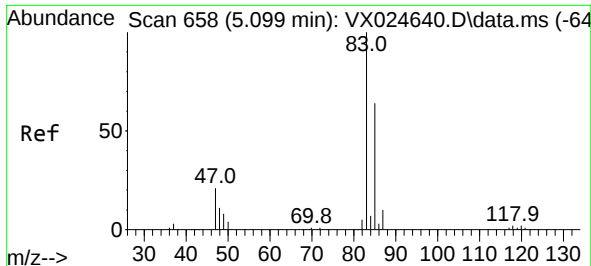
Tgt Ion: 43 Resp: 177716  
Ion Ratio Lower Upper  
43 100  
72 26.9 15.3 45.8



#23  
Bromochloromethane  
Concen: 50.698 ug/L  
RT: 4.904 min Scan# 626  
Delta R.T. -0.000 min  
Lab File: VX024820.D  
Acq: 14 Oct 2021 17:59

Tgt Ion: 128 Resp: 50808  
Ion Ratio Lower Upper  
128 100  
49 149.4 107.5 199.7  
130 128.2 91.1 169.3  
51 48.4 40.3 60.5





#25

Chloroform

Concen: 50.579 ug/L

RT: 5.099 min Scan# 658

Delta R.T. -0.000 min

Lab File: VX024820.D

Acq: 14 Oct 2021 17:59

Tgt Ion: 83 Resp: 181560

Ion Ratio Lower Upper

83 100

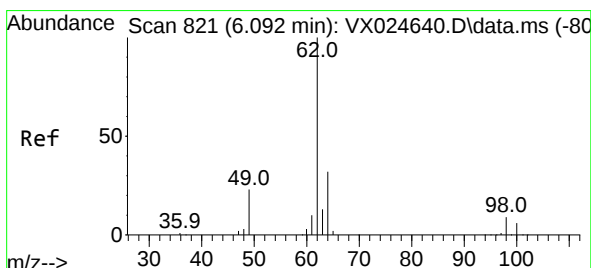
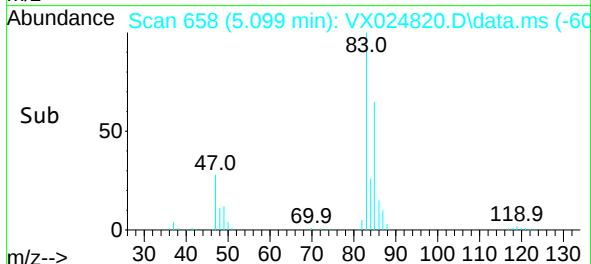
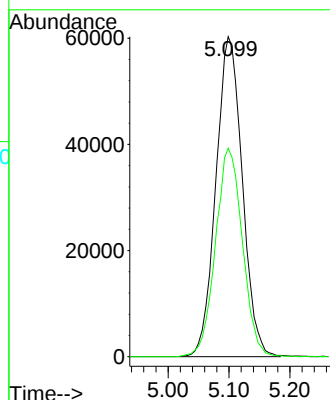
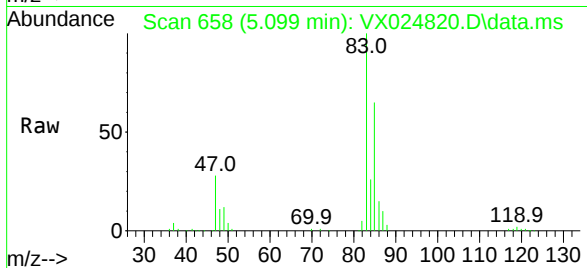
85 65.1 46.3 85.9

Instrument :

MSVOA\_X

ClientSampleId :

VSTD050689



#27

1,2-Dichloroethane

Concen: 52.799 ug/L

RT: 6.092 min Scan# 821

Delta R.T. -0.000 min

Lab File: VX024820.D

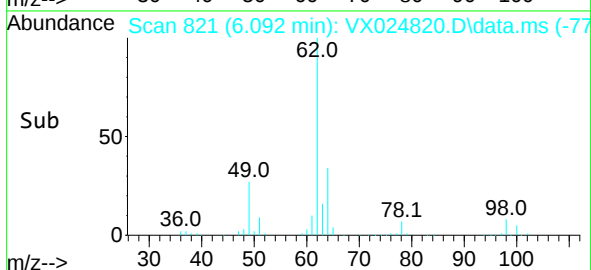
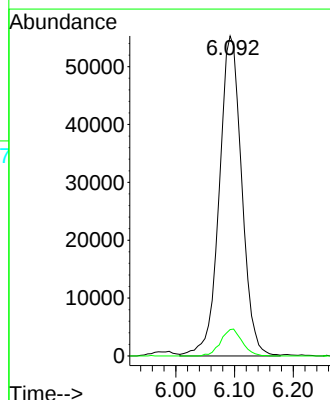
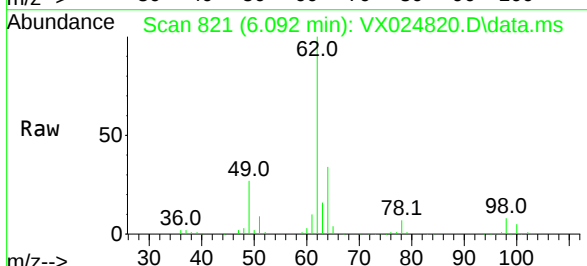
Acq: 14 Oct 2021 17:59

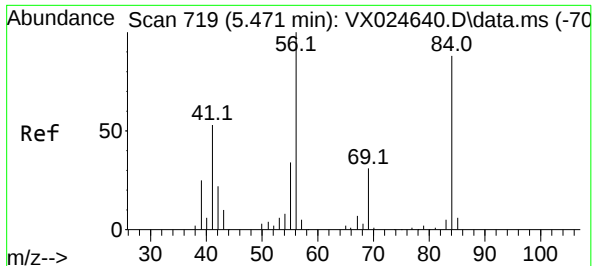
Tgt Ion: 62 Resp: 147047

Ion Ratio Lower Upper

62 100

98 8.3 7.9 11.9





#29

Cyclohexane

Concen: 47.036 ug/L

RT: 5.477 min Scan# 720

Delta R.T. 0.006 min

Lab File: VX024820.D

Acq: 14 Oct 2021 17:59

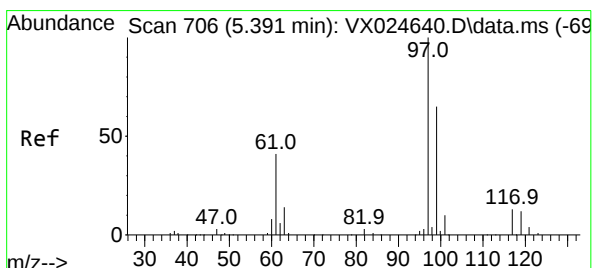
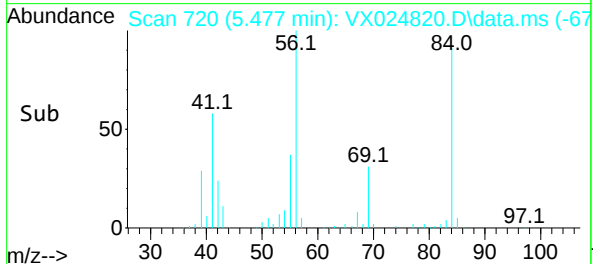
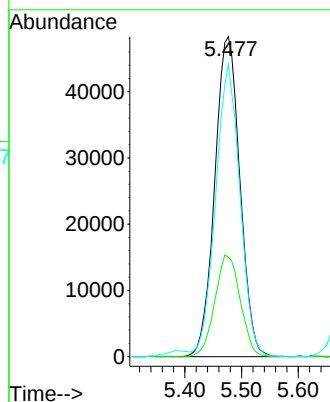
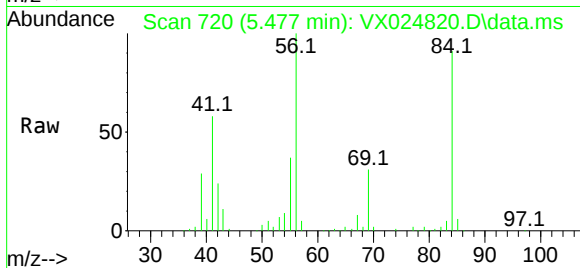
Tgt Ion: 56 Resp: 148800

Ion Ratio Lower Upper

56 100

69 32.0 25.7 38.5

84 88.8 72.4 108.6



#30

1,1,1-Trichloroethane

Concen: 48.191 ug/L

RT: 5.391 min Scan# 706

Delta R.T. -0.000 min

Lab File: VX024820.D

Acq: 14 Oct 2021 17:59

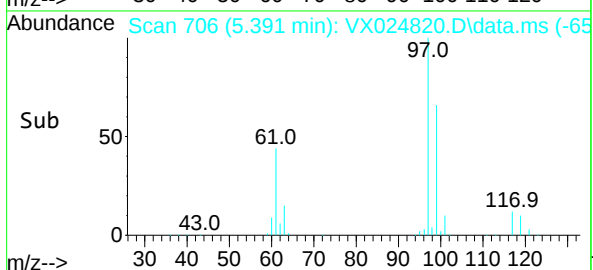
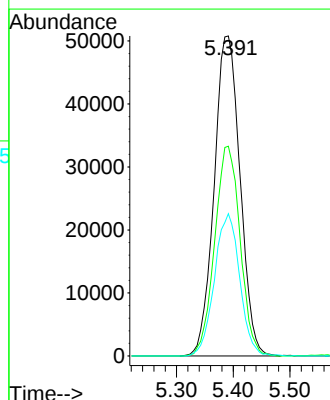
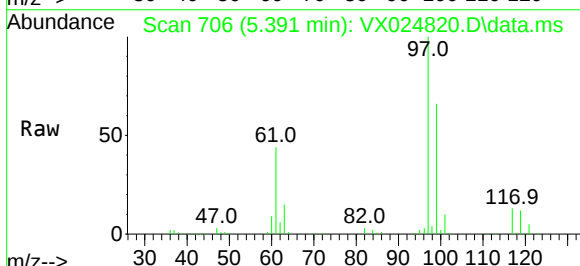
Tgt Ion: 97 Resp: 161069

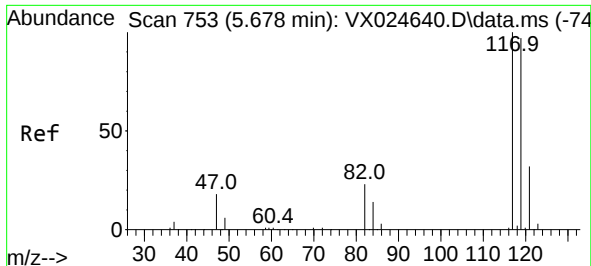
Ion Ratio Lower Upper

97 100

99 64.4 52.1 78.1

61 43.3 35.3 52.9

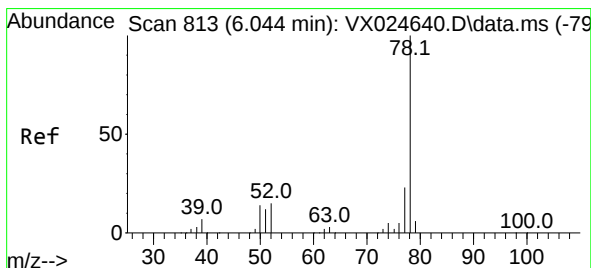
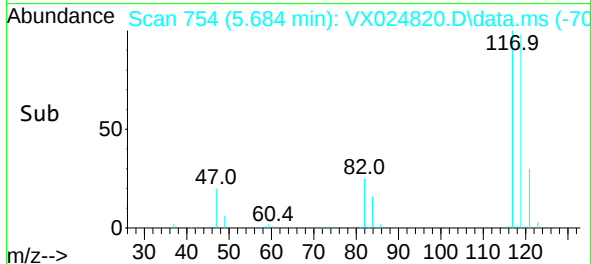
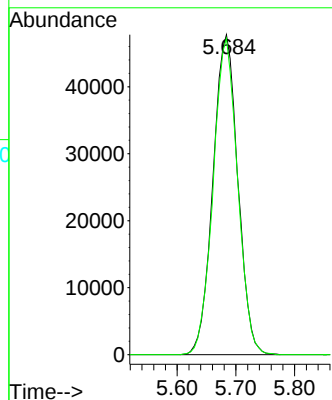
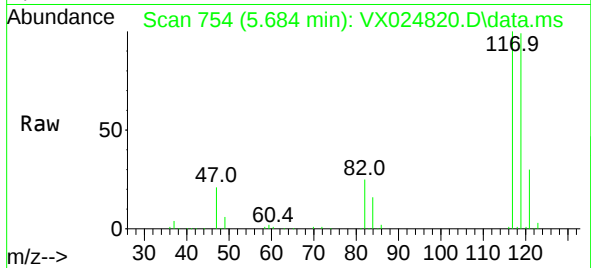




#31  
Carbon tetrachloride  
Concen: 47.852 ug/L  
RT: 5.684 min Scan# 754  
Delta R.T. 0.006 min  
Lab File: VX024820.D  
Acq: 14 Oct 2021 17:59

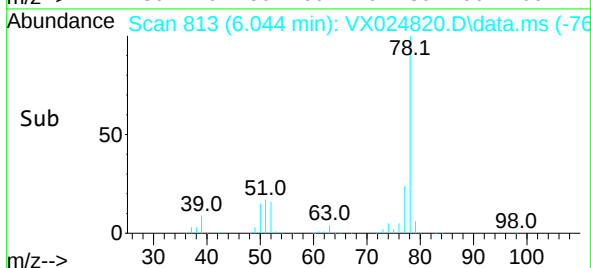
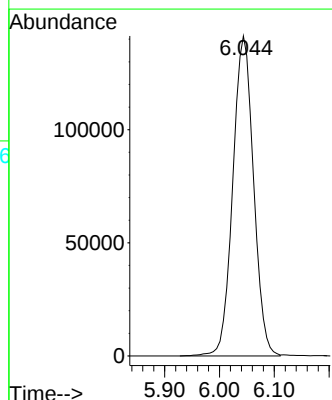
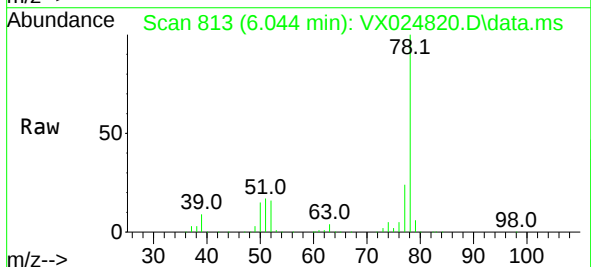
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTD050689

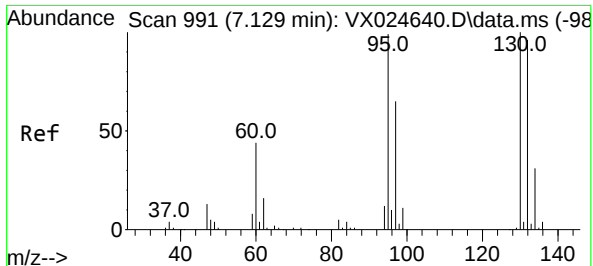
Tgt Ion:117 Resp: 140319  
Ion Ratio Lower Upper  
117 100  
119 97.3 77.5 116.3



#33  
Benzene  
Concen: 47.201 ug/L  
RT: 6.044 min Scan# 813  
Delta R.T. -0.000 min  
Lab File: VX024820.D  
Acq: 14 Oct 2021 17:59

Tgt Ion: 78 Resp: 371752

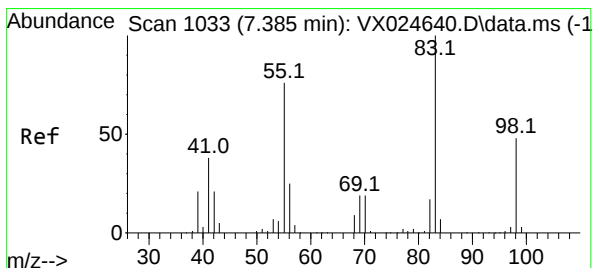
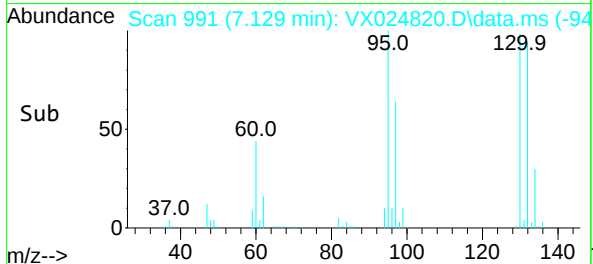
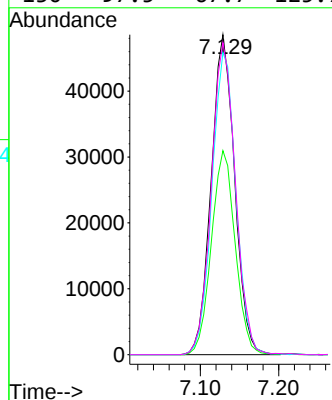
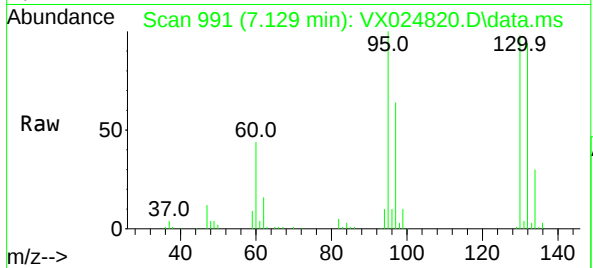




#34  
Trichloroethene  
Concen: 46.664 ug/L  
RT: 7.129 min Scan# 991  
Delta R.T. -0.000 min  
Lab File: VX024820.D  
Acq: 14 Oct 2021 17:59

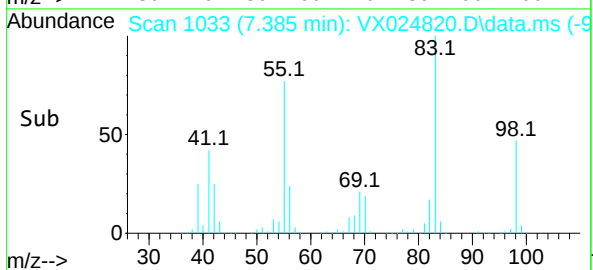
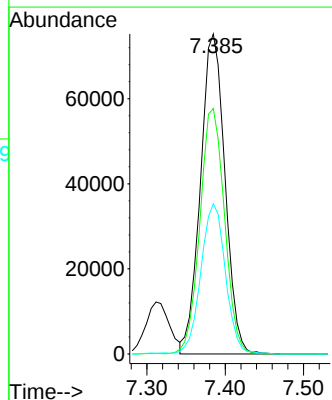
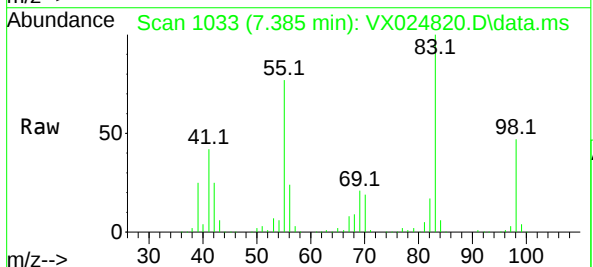
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTD050689

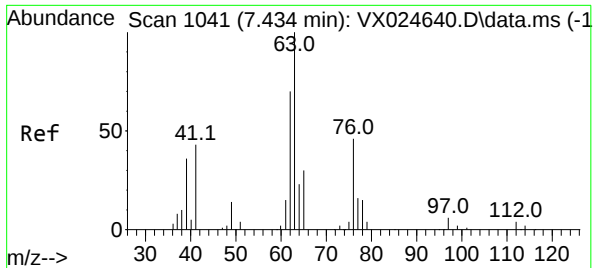
Tgt Ion: 95 Resp: 101160  
Ion Ratio Lower Upper  
95 100  
97 63.7 44.5 82.7  
132 94.4 65.2 121.0  
130 97.5 67.7 125.7



#35  
Methylcyclohexane  
Concen: 47.400 ug/L  
RT: 7.385 min Scan# 1033  
Delta R.T. -0.000 min  
Lab File: VX024820.D  
Acq: 14 Oct 2021 17:59

Tgt Ion: 83 Resp: 163357  
Ion Ratio Lower Upper  
83 100  
55 77.2 61.2 91.8  
98 47.1 38.7 58.1

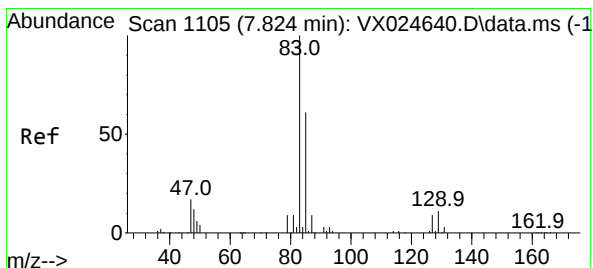
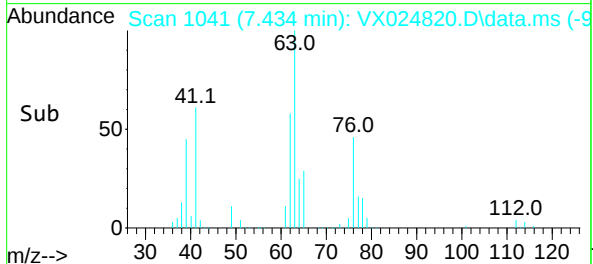
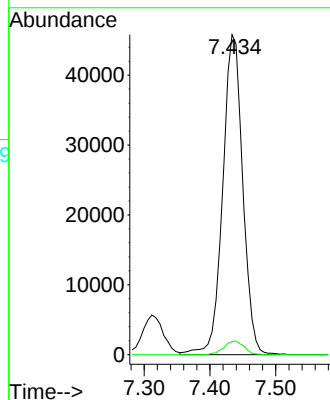
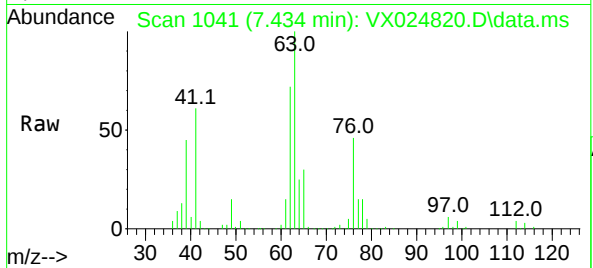




#37  
1,2-Dichloropropane  
Concen: 46.770 ug/L  
RT: 7.434 min Scan# 1041  
Delta R.T. -0.000 min  
Lab File: VX024820.D  
Acq: 14 Oct 2021 17:59

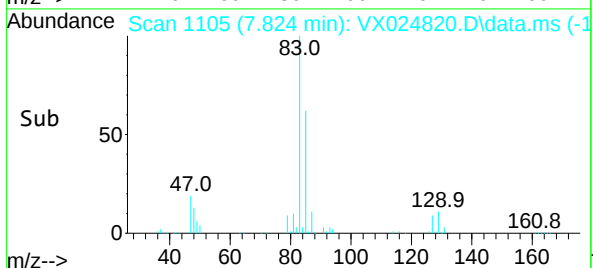
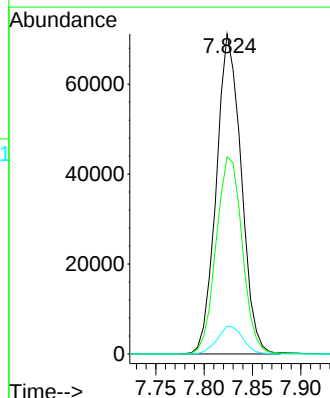
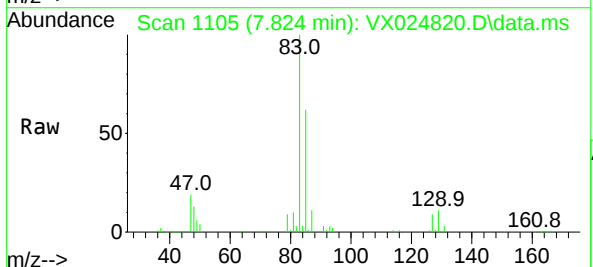
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MSVOA\_X  
ClientSampled :  
VSTD050689

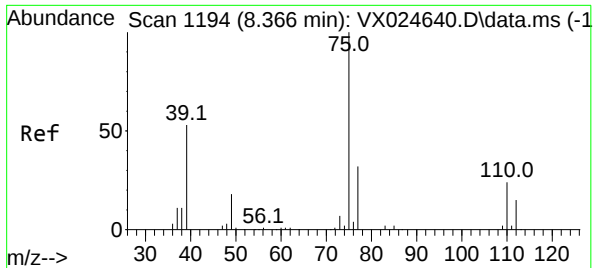
Tgt Ion: 63 Resp: 97013  
Ion Ratio Lower Upper  
63 100  
112 4.3 3.6 5.4



#38  
Bromodichloromethane  
Concen: 48.074 ug/L  
RT: 7.824 min Scan# 1105  
Delta R.T. -0.000 min  
Lab File: VX024820.D  
Acq: 14 Oct 2021 17:59

Tgt Ion: 83 Resp: 127384  
Ion Ratio Lower Upper  
83 100  
85 61.6 45.1 83.7  
127 8.8 6.6 10.0

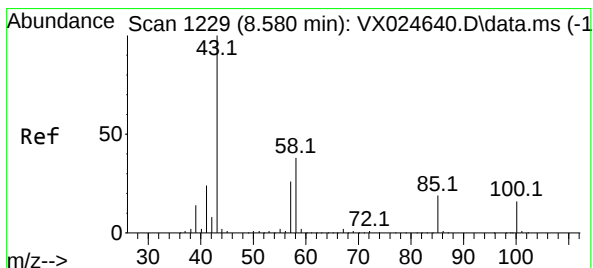
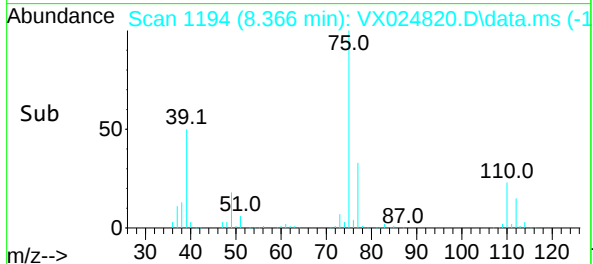
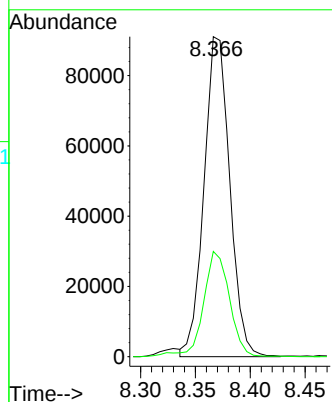
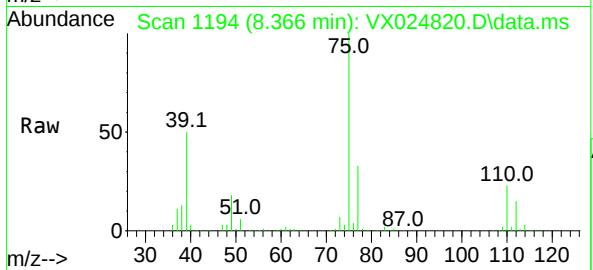




#39  
 cis-1,3-Dichloropropene  
 Concen: 47.898 ug/L  
 RT: 8.366 min Scan# 1194  
 Delta R.T. -0.000 min  
 Lab File: VX024820.D  
 Acq: 14 Oct 2021 17:59

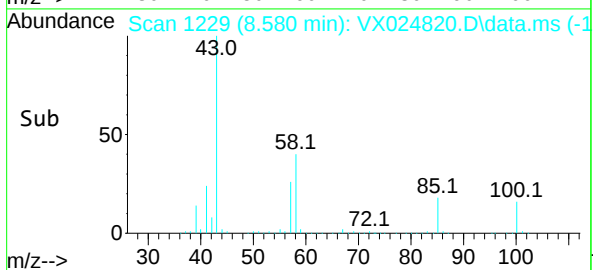
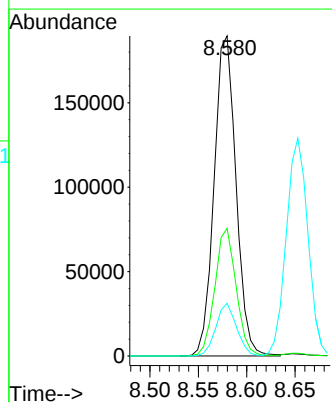
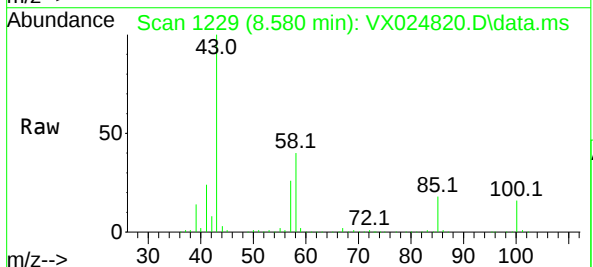
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTD050689

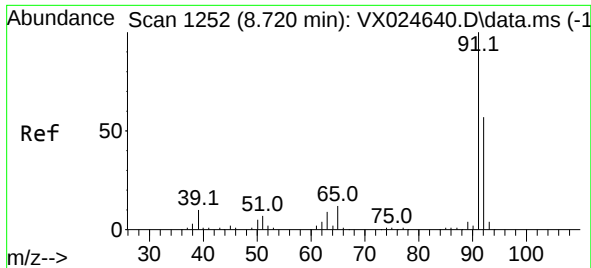
Tgt Ion: 75 Resp: 148968  
 Ion Ratio Lower Upper  
 75 100  
 77 32.9 22.7 42.3



#40  
 4-Methyl-2-pentanone  
 Concen: 94.430 ug/L  
 RT: 8.580 min Scan# 1229  
 Delta R.T. -0.000 min  
 Lab File: VX024820.D  
 Acq: 14 Oct 2021 17:59

Tgt Ion: 43 Resp: 298048  
 Ion Ratio Lower Upper  
 43 100  
 58 38.8 35.0 52.4  
 100 15.6 14.2 21.4

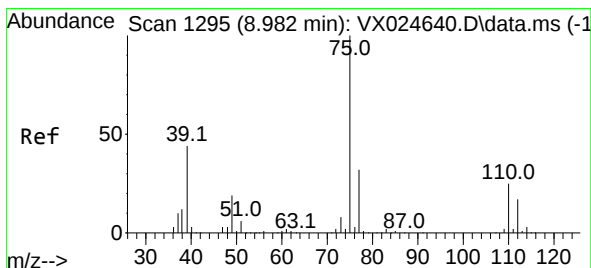
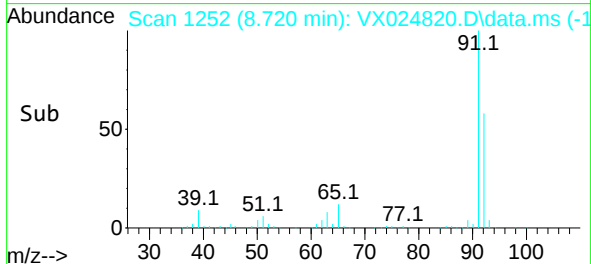
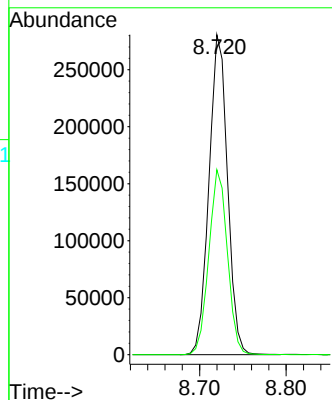
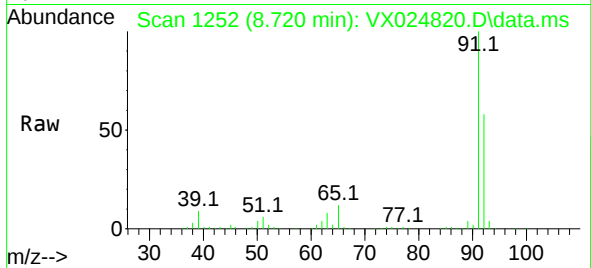




#42  
Toluene  
Concen: 47.454 ug/L  
RT: 8.720 min Scan# 1252  
Delta R.T. -0.000 min  
Lab File: VX024820.D  
Acq: 14 Oct 2021 17:59

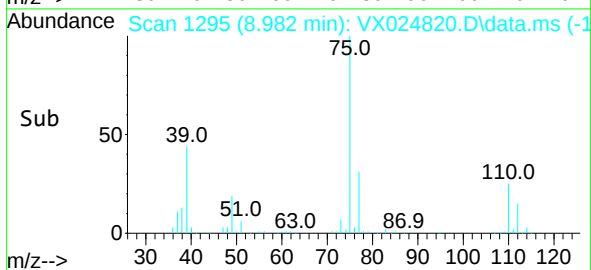
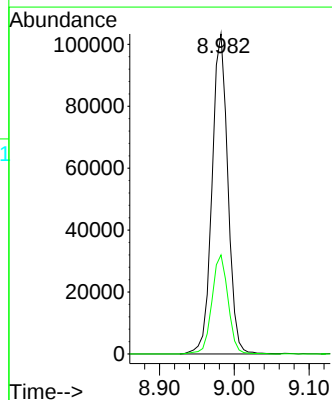
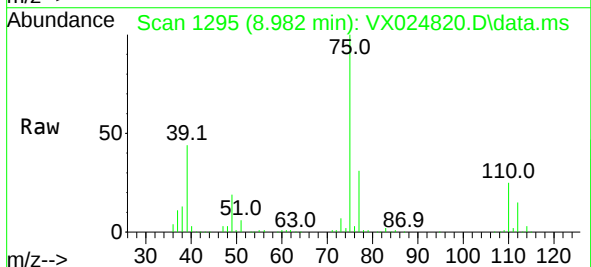
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ClientSampleId :  
VSTD050689

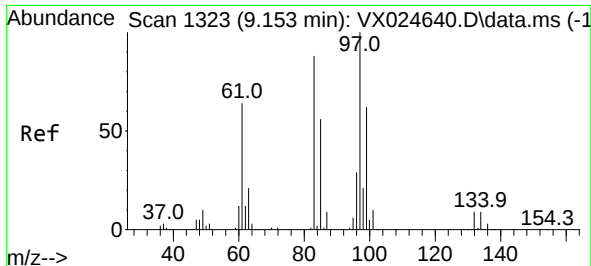
Tgt Ion: 91 Resp: 417156  
Ion Ratio Lower Upper  
91 100  
92 57.8 40.5 75.1



#44  
trans-1,3-Dichloropropene  
Concen: 50.024 ug/L  
RT: 8.982 min Scan# 1295  
Delta R.T. -0.000 min  
Lab File: VX024820.D  
Acq: 14 Oct 2021 17:59

Tgt Ion: 75 Resp: 151955  
Ion Ratio Lower Upper  
75 100  
77 31.0 22.4 41.6





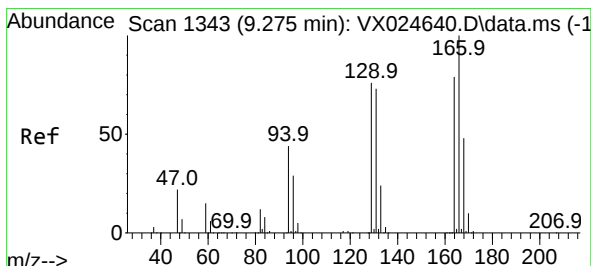
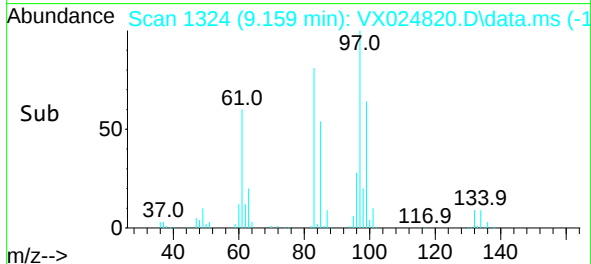
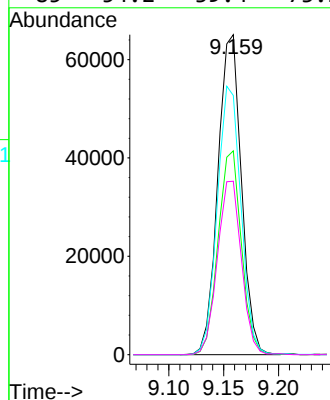
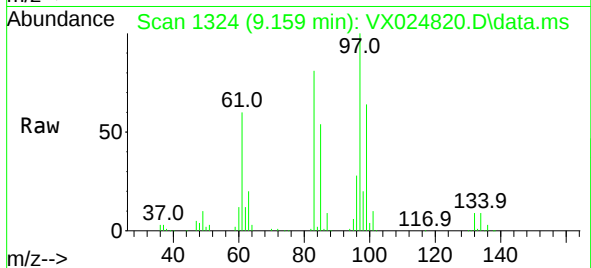
#45

1,1,2-Trichloroethane  
Concen: 48.102 ug/L  
RT: 9.159 min Scan# 1324  
Delta R.T. 0.006 min  
Lab File: VX024820.D  
Acq: 14 Oct 2021 17:59

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTD050689

Tgt Ion: 97 Resp: 97010

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 99  | 63.7  | 44.0  | 81.6  |
| 83  | 81.0  | 60.8  | 113.0 |
| 85  | 54.2  | 39.4  | 73.2  |

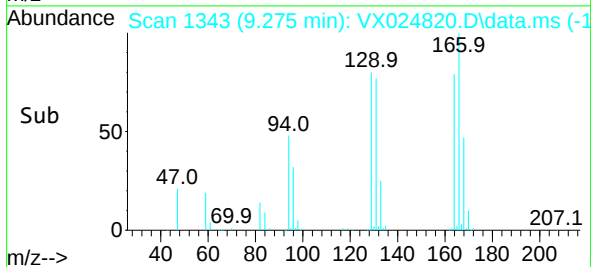
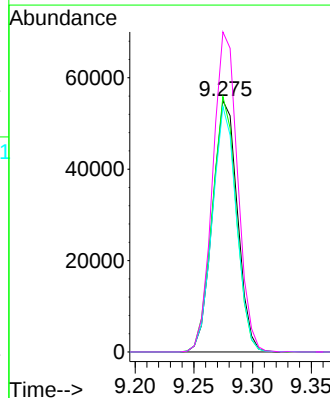
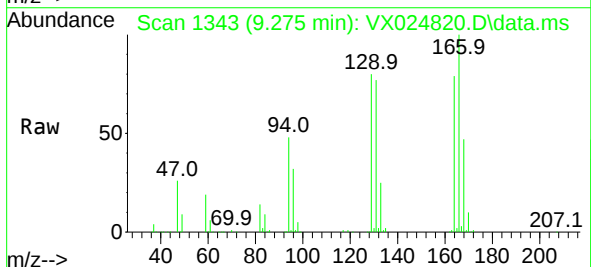


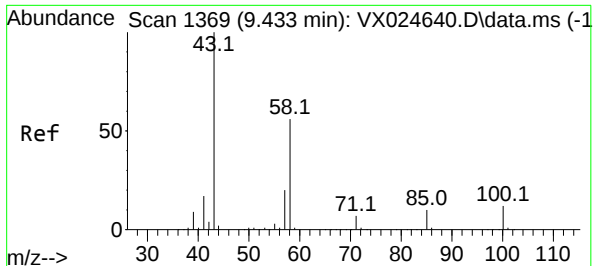
#46

Tetrachloroethene  
Concen: 47.953 ug/L  
RT: 9.275 min Scan# 1343  
Delta R.T. -0.000 min  
Lab File: VX024820.D  
Acq: 14 Oct 2021 17:59

Tgt Ion: 164 Resp: 81031

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 164 | 100   |       |       |
| 129 | 101.6 | 65.6  | 121.8 |
| 131 | 97.7  | 63.7  | 118.3 |
| 166 | 127.3 | 93.0  | 172.6 |

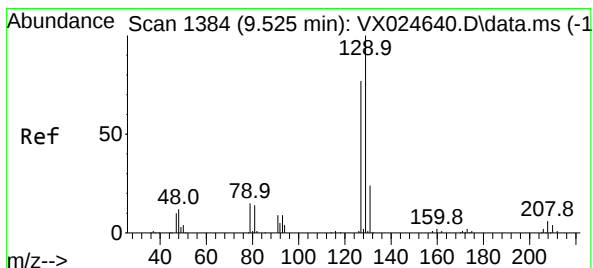
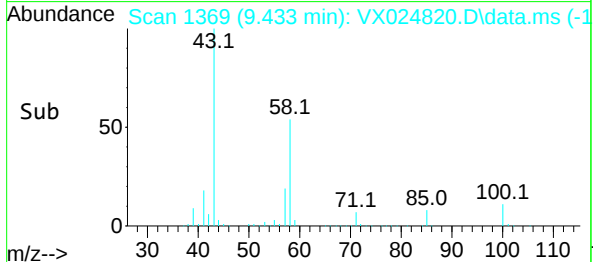
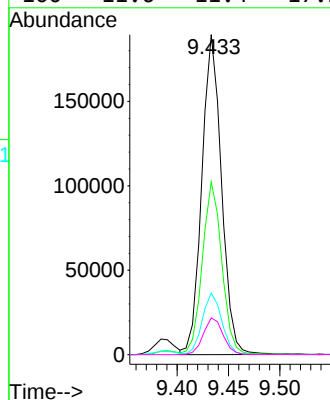
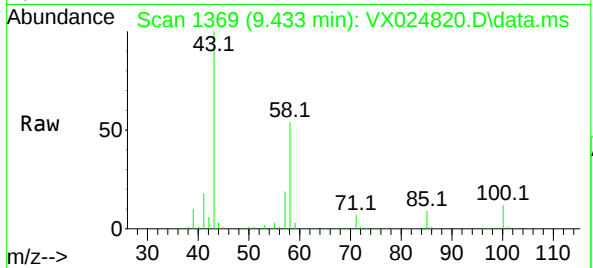




#48  
2-Hexanone  
Concen: 98.244 ug/L  
RT: 9.433 min Scan# 1369  
Delta R.T. -0.000 min  
Lab File: VX024820.D  
Acq: 14 Oct 2021 17:59

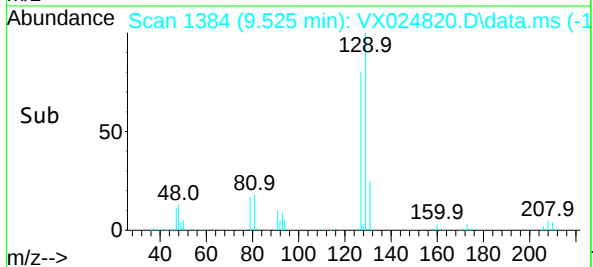
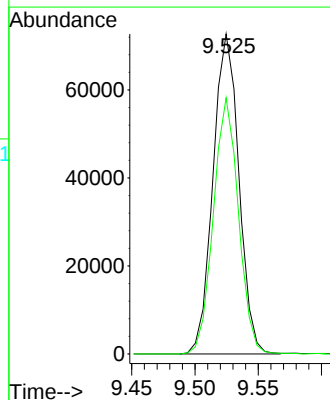
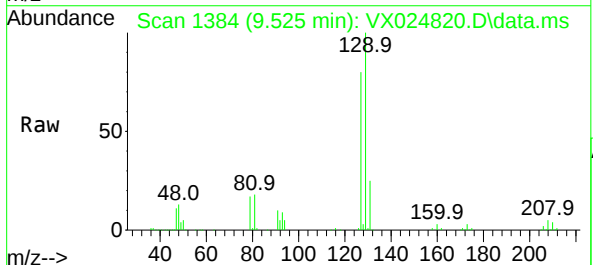
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTD050689

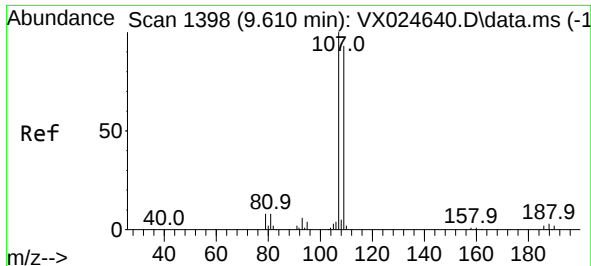
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 43    | Resp: | 252952 |
| Ion      | Ratio | Lower | Upper  |
| 43       | 100   |       |        |
| 58       | 53.6  | 50.1  | 75.1   |
| 57       | 19.2  | 17.3  | 25.9   |
| 100      | 11.6  | 11.4  | 17.2   |



#49  
Dibromochloromethane  
Concen: 49.285 ug/L  
RT: 9.525 min Scan# 1384  
Delta R.T. -0.000 min  
Lab File: VX024820.D  
Acq: 14 Oct 2021 17:59

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 129   | Resp: | 103365 |
| Ion      | Ratio | Lower | Upper  |
| 129      | 100   |       |        |
| 127      | 80.1  | 52.5  | 97.5   |

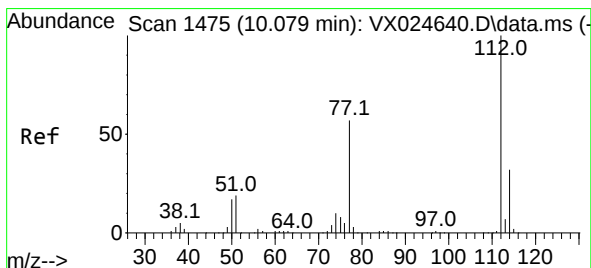
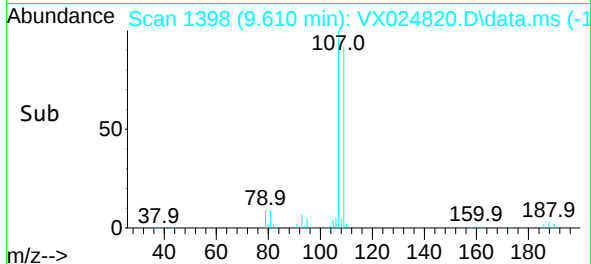
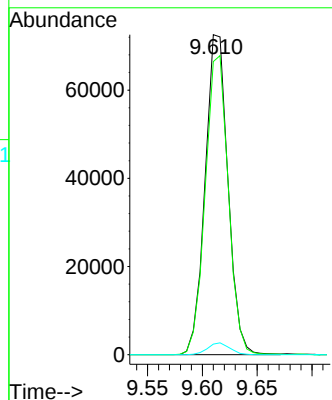
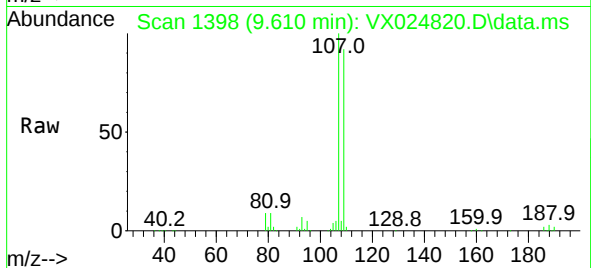




#50  
1,2-Dibromoethane  
Concen: 48.382 ug/L  
RT: 9.610 min Scan# 1398  
Delta R.T. -0.000 min  
Lab File: VX024820.D  
Acq: 14 Oct 2021 17:59

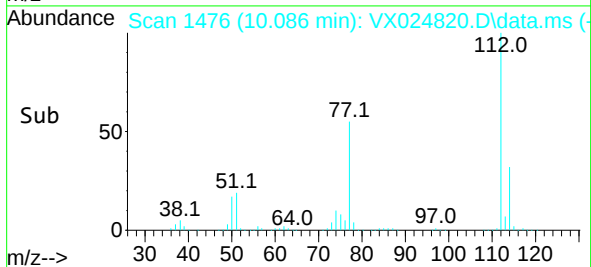
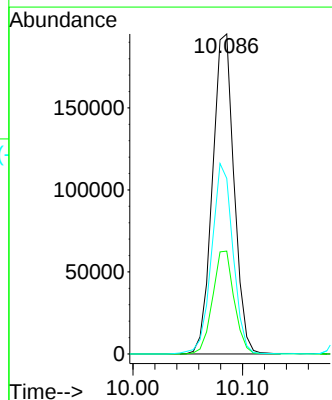
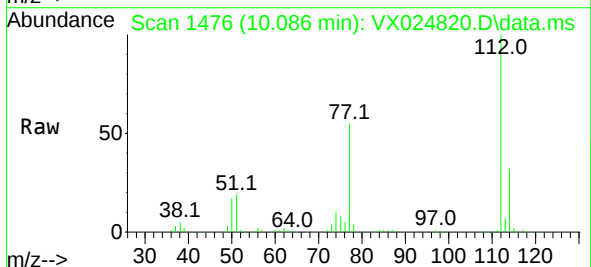
Instrument :  
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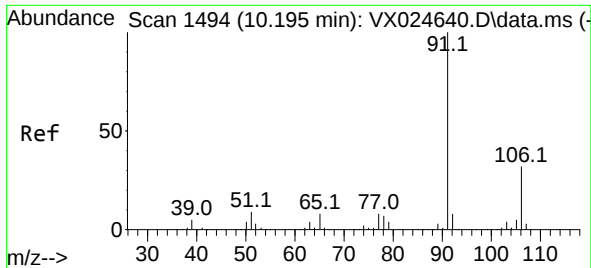
Tgt Ion:107 Resp: 105379  
Ion Ratio Lower Upper  
107 100  
109 91.6 66.4 123.4  
188 3.3 3.2 4.8



#51  
Chlorobenzene  
Concen: 50.320 ug/L  
RT: 10.086 min Scan# 1476  
Delta R.T. 0.006 min  
Lab File: VX024820.D  
Acq: 14 Oct 2021 17:59

Tgt Ion:112 Resp: 266612  
Ion Ratio Lower Upper  
112 100  
114 32.2 23.2 43.2  
77 54.9 48.4 72.6

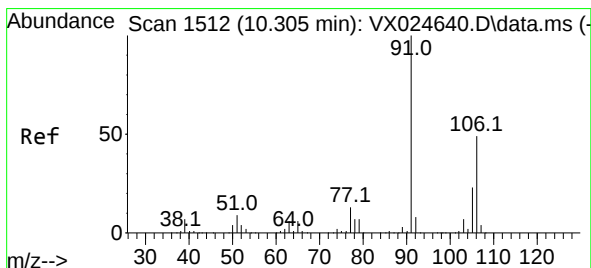
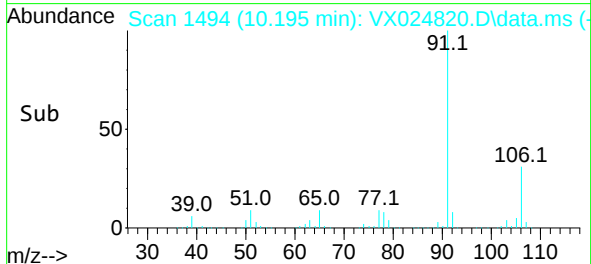
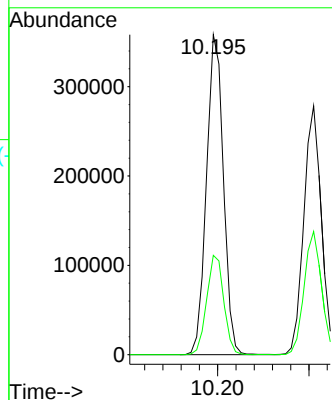
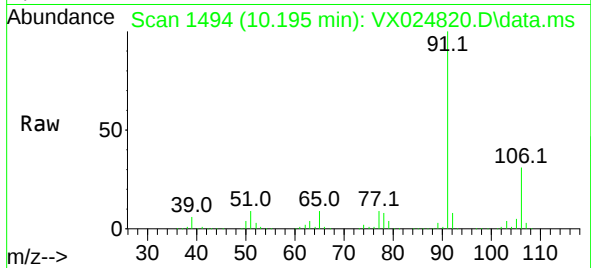




#52  
Ethylbenzene  
Concen: 50.787 ug/L  
RT: 10.195 min Scan# 1494  
Delta R.T. -0.000 min  
Lab File: VX024820.D  
Acq: 14 Oct 2021 17:59

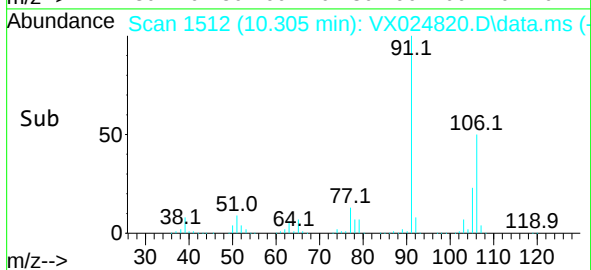
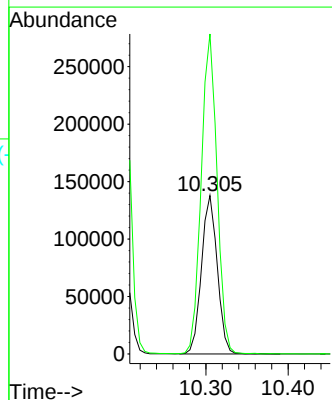
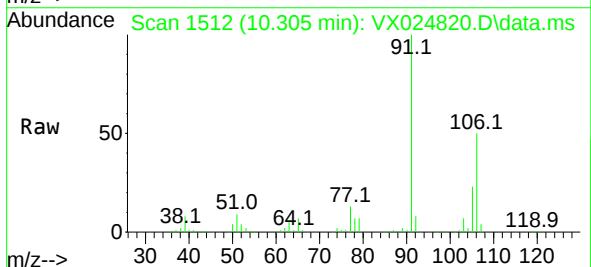
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTD050689

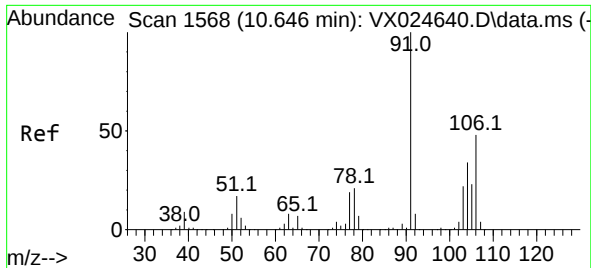
Tgt Ion: 91 Resp: 459697  
Ion Ratio Lower Upper  
91 100  
106 31.0 21.0 39.0



#53  
m,p-Xylene  
Concen: 51.981 ug/L  
RT: 10.305 min Scan# 1512  
Delta R.T. -0.000 min  
Lab File: VX024820.D  
Acq: 14 Oct 2021 17:59

Tgt Ion: 106 Resp: 183820  
Ion Ratio Lower Upper  
106 100  
91 202.0 142.5 264.6

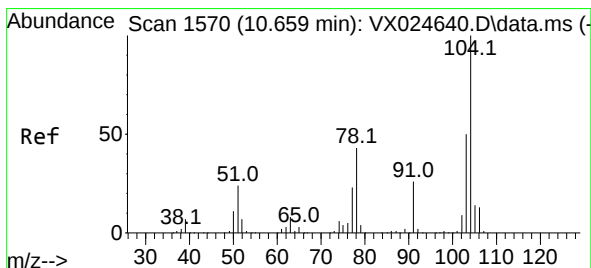
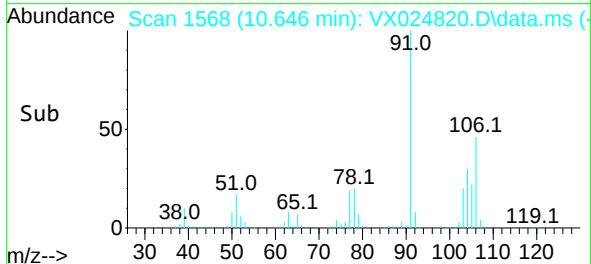
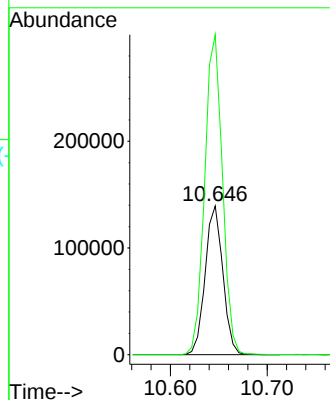
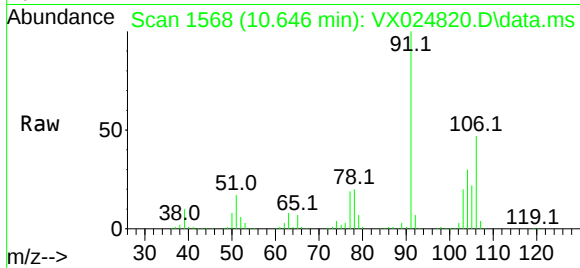




#54  
o-Xylene  
Concen: 50.279 ug/L  
RT: 10.646 min Scan# 1568  
Delta R.T. -0.000 min  
Lab File: VX024820.D  
Acq: 14 Oct 2021 17:59

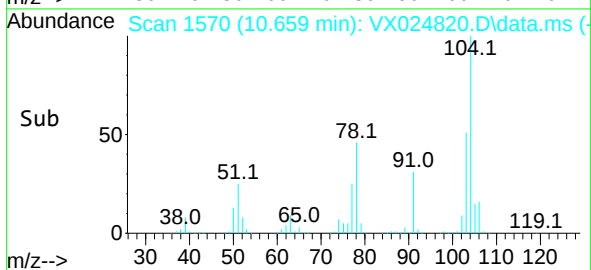
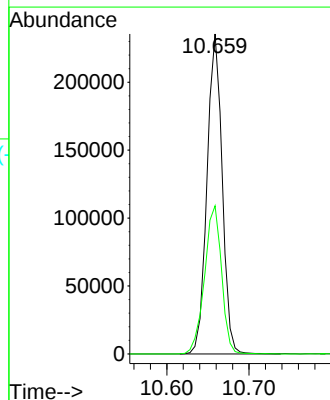
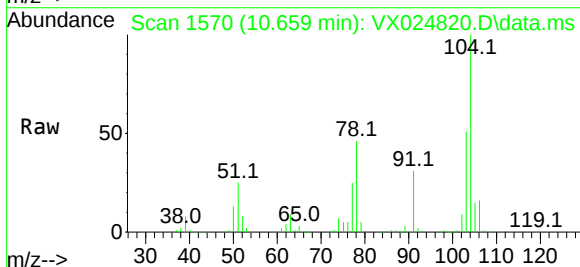
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTD050689

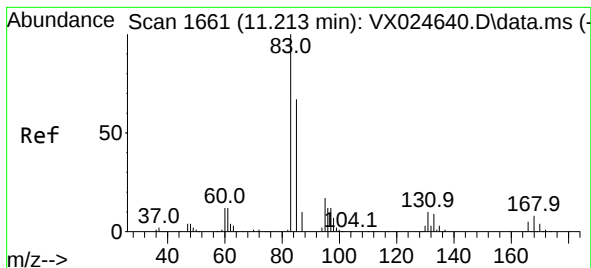
Tgt Ion:106 Resp: 177593  
Ion Ratio Lower Upper  
106 100  
91 215.1 156.2 290.0



#55  
Styrene  
Concen: 51.200 ug/L  
RT: 10.659 min Scan# 1570  
Delta R.T. -0.000 min  
Lab File: VX024820.D  
Acq: 14 Oct 2021 17:59

Tgt Ion:104 Resp: 301865  
Ion Ratio Lower Upper  
104 100  
78 46.3 30.0 55.6

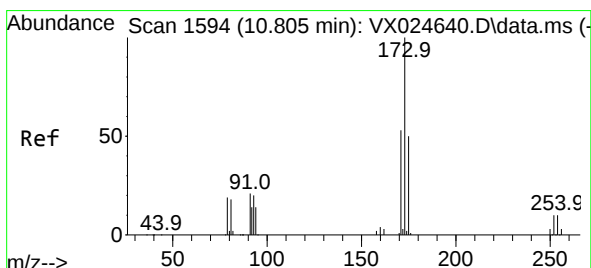
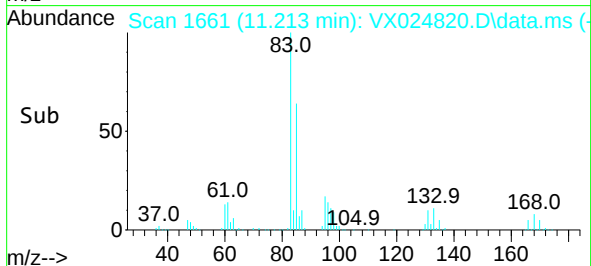
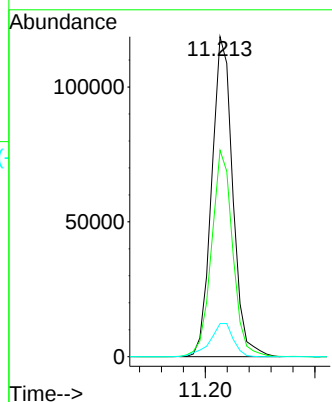
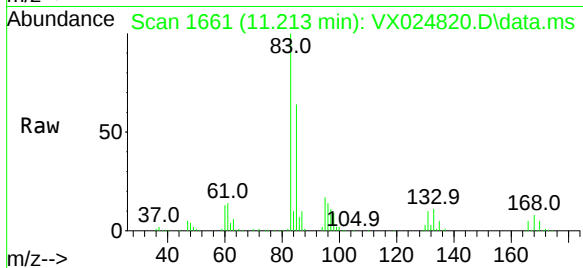




#57  
1,1,2,2-Tetrachloroethane  
Concen: 49.556 ug/L  
RT: 11.213 min Scan# 1661  
Delta R.T. -0.000 min  
Lab File: VX024820.D  
Acq: 14 Oct 2021 17:59

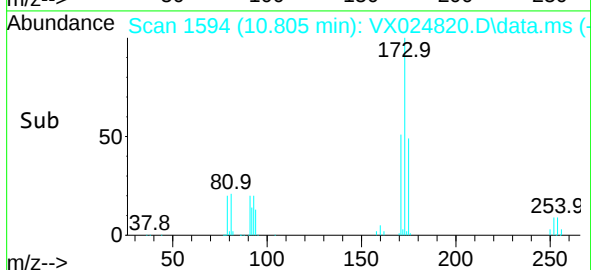
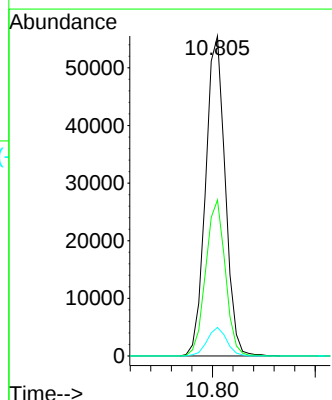
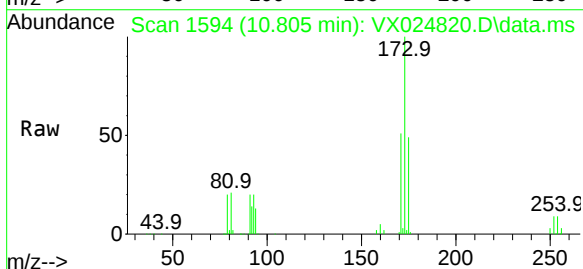
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTD050689

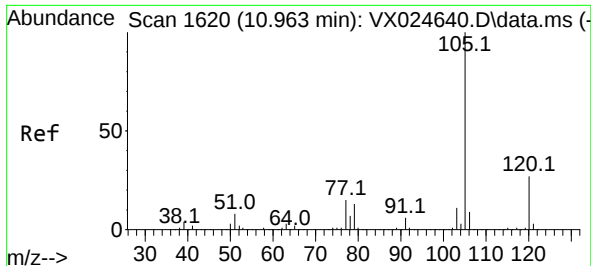
Tgt Ion: 83 Resp: 157963  
Ion Ratio Lower Upper  
83 100  
85 64.5 44.7 82.9  
131 10.4 7.8 11.8



#59  
Bromoform  
Concen: 48.752 ug/L  
RT: 10.805 min Scan# 1594  
Delta R.T. -0.000 min  
Lab File: VX024820.D  
Acq: 14 Oct 2021 17:59

Tgt Ion: 173 Resp: 73693  
Ion Ratio Lower Upper  
173 100  
175 48.6 39.4 59.2  
254 8.9 8.6 13.0

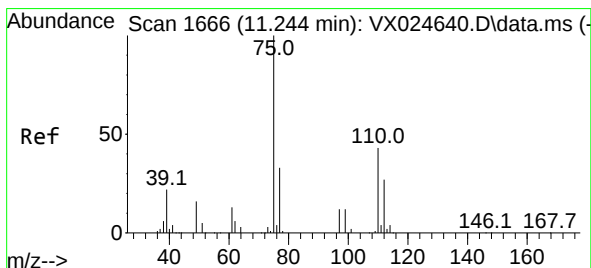
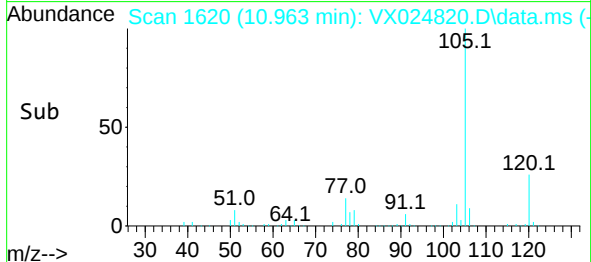
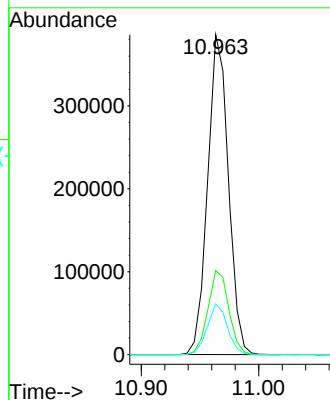
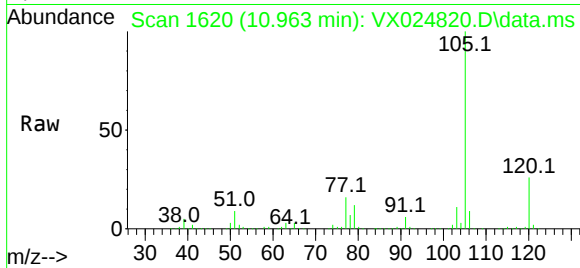




#60  
Isopropylbenzene  
Concen: 51.375 ug/L  
RT: 10.963 min Scan# 1620  
Delta R.T. -0.000 min  
Lab File: VX024820.D  
Acq: 14 Oct 2021 17:59

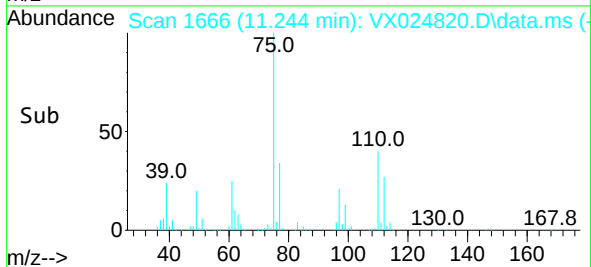
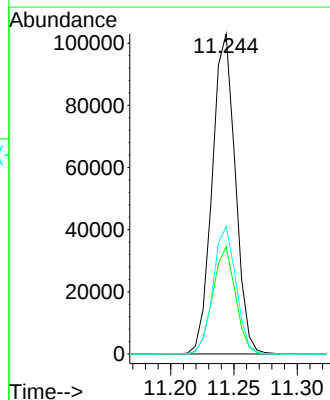
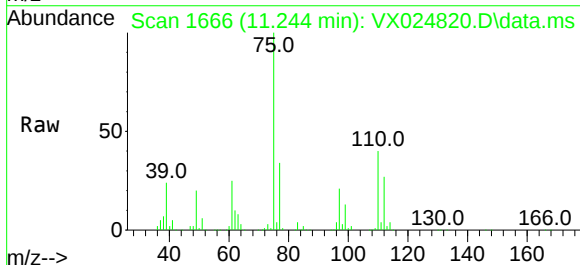
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTD050689

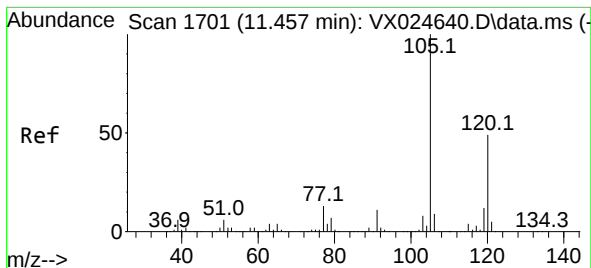
Tgt Ion:105 Resp: 472635  
Ion Ratio Lower Upper  
105 100  
120 26.5 21.2 31.8  
77 15.4 12.6 18.8



#61  
1,2,3-Trichloropropane  
Concen: 47.754 ug/L  
RT: 11.244 min Scan# 1666  
Delta R.T. -0.000 min  
Lab File: VX024820.D  
Acq: 14 Oct 2021 17:59

Tgt Ion: 75 Resp: 130946  
Ion Ratio Lower Upper  
75 100  
77 33.1 26.2 39.2  
110 39.3 31.8 47.8





#62

1,3,5-Trimethylbenzene

Concen: 50.640 ug/L

RT: 11.457 min Scan# 1701

Delta R.T. -0.000 min

Lab File: VX024820.D

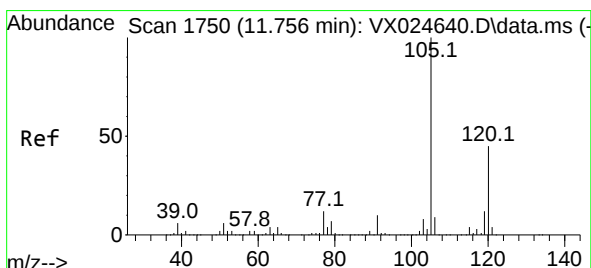
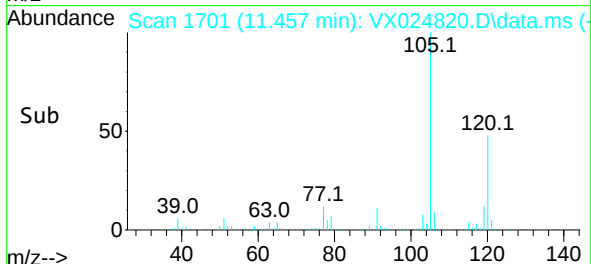
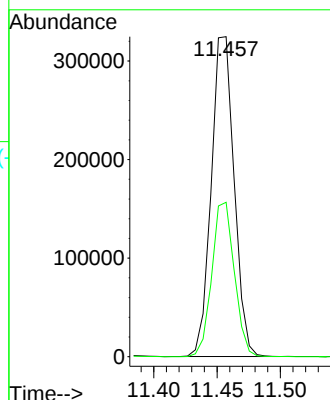
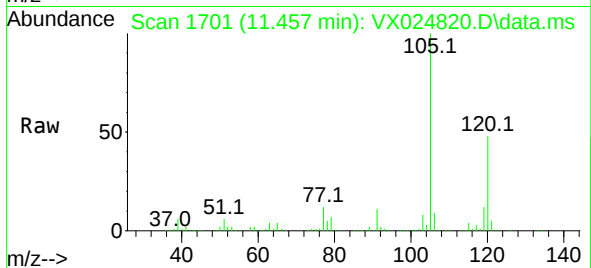
Acq: 14 Oct 2021 17:59

Tgt Ion:105 Resp: 409189

Ion Ratio Lower Upper

105 100

120 47.4 38.0 57.0



#63

1,2,4-Trimethylbenzene

Concen: 52.124 ug/L

RT: 11.756 min Scan# 1750

Delta R.T. -0.000 min

Lab File: VX024820.D

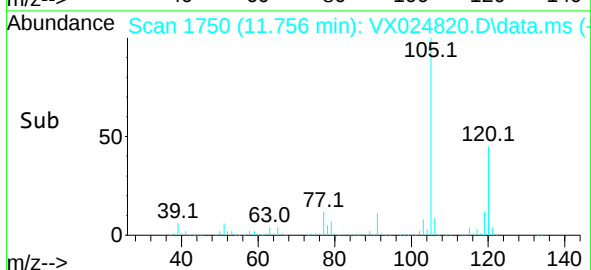
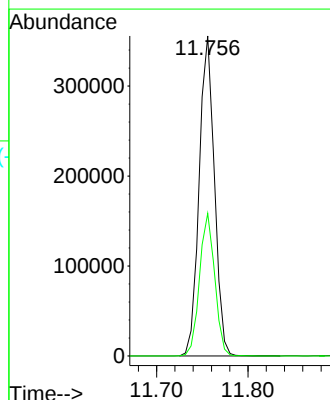
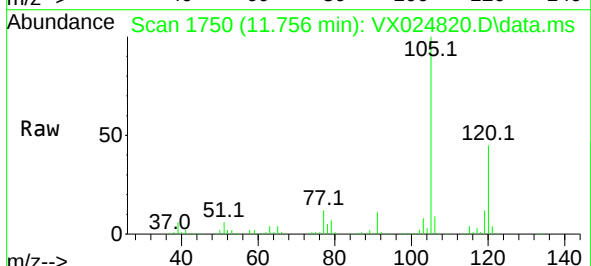
Acq: 14 Oct 2021 17:59

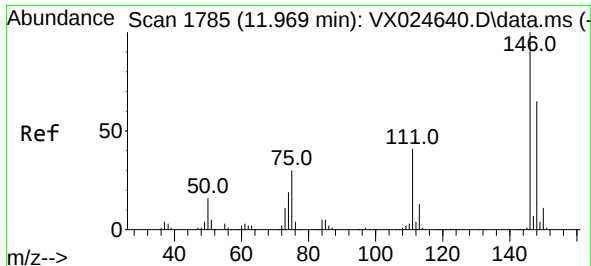
Tgt Ion:105 Resp: 411728

Ion Ratio Lower Upper

105 100

120 44.3 36.4 54.6

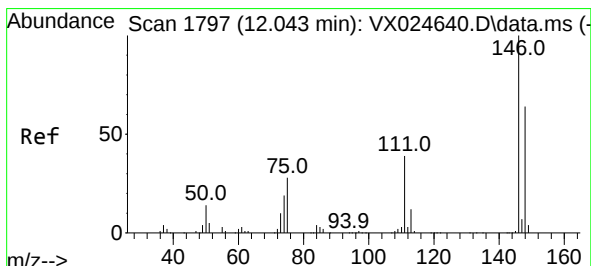
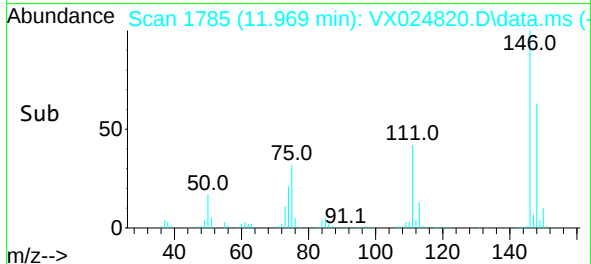
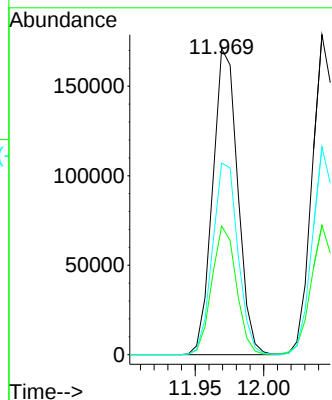
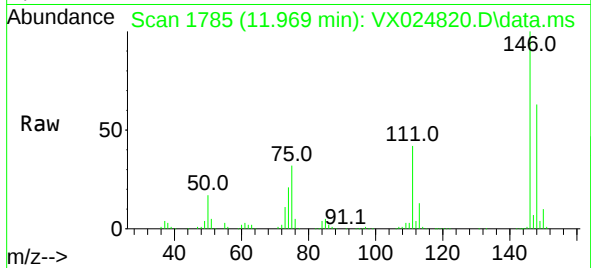




#64  
1,3-Dichlorobenzene  
Concen: 50.688 ug/L  
RT: 11.969 min Scan# 1785  
Delta R.T. -0.000 min  
Lab File: VX024820.D  
Acq: 14 Oct 2021 17:59

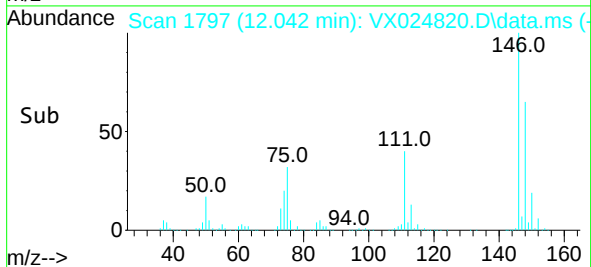
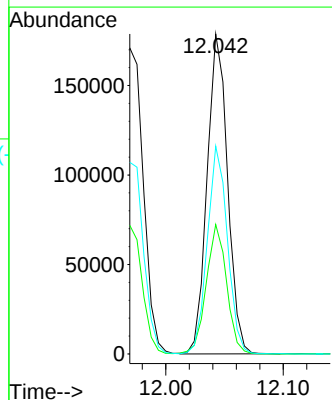
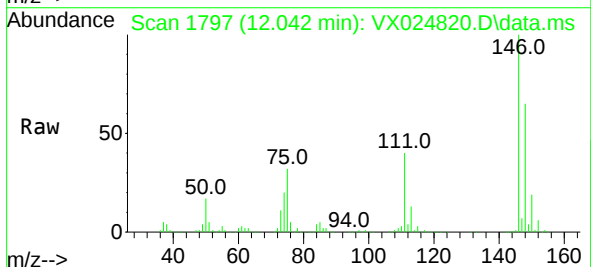
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTD050689

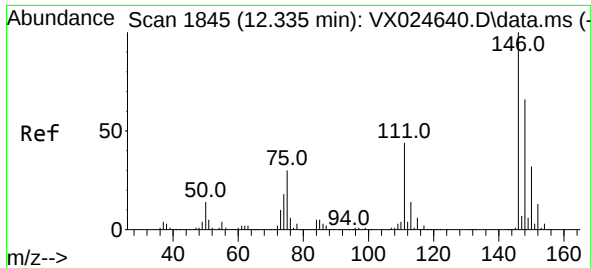
Tgt Ion:146 Resp: 217466  
Ion Ratio Lower Upper  
146 100  
111 42.0 28.9 53.7  
148 62.6 47.7 88.7



#65  
1,4-Dichlorobenzene  
Concen: 50.525 ug/L  
RT: 12.042 min Scan# 1797  
Delta R.T. -0.000 min  
Lab File: VX024820.D  
Acq: 14 Oct 2021 17:59

Tgt Ion:146 Resp: 216523  
Ion Ratio Lower Upper  
146 100  
111 40.4 28.7 53.3  
148 65.0 45.8 85.2

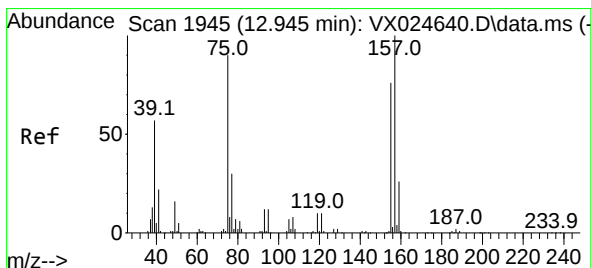
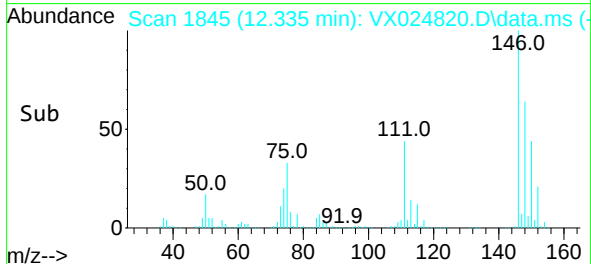
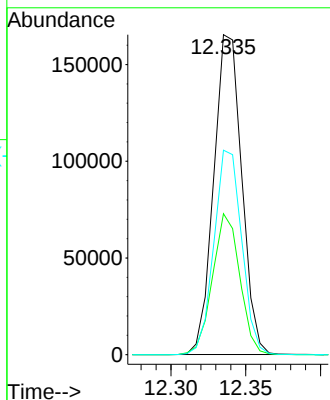
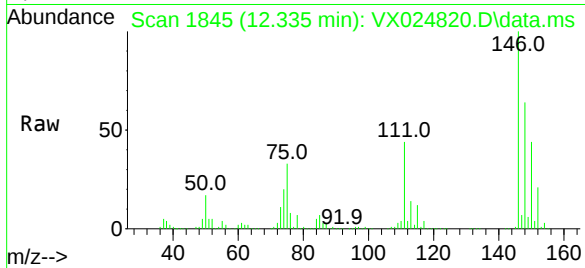




#67  
1,2-Dichlorobenzene  
Concen: 50.853 ug/L  
RT: 12.335 min Scan# 1845  
Delta R.T. -0.000 min  
Lab File: VX024820.D  
Acq: 14 Oct 2021 17:59

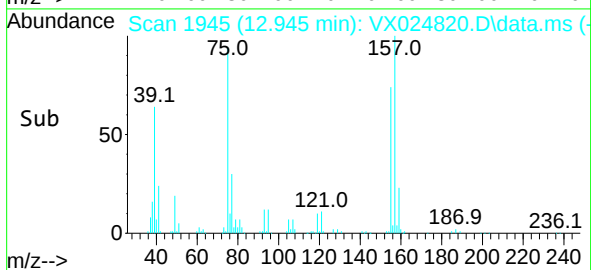
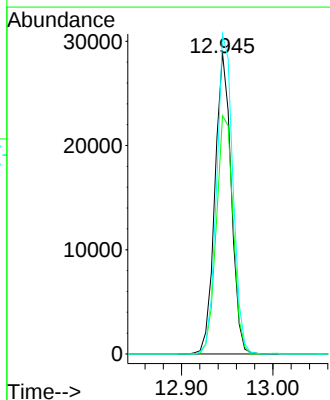
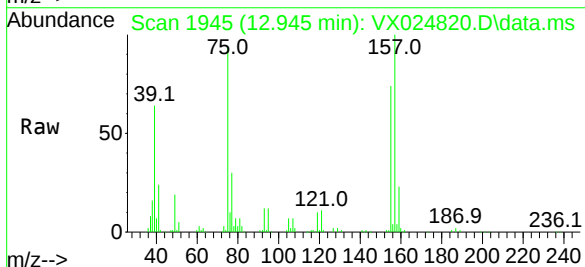
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTD050689

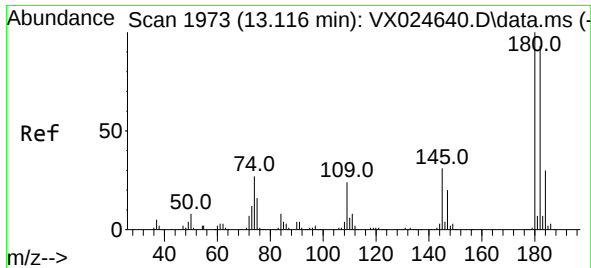
Tgt Ion:146 Resp: 215414  
Ion Ratio Lower Upper  
146 100  
111 44.0 33.8 50.8  
148 63.9 51.4 77.2



#68  
1,2-Dibromo-3-chloropropane  
Concen: 48.403 ug/L  
RT: 12.945 min Scan# 1945  
Delta R.T. -0.000 min  
Lab File: VX024820.D  
Acq: 14 Oct 2021 17:59

Tgt Ion: 75 Resp: 35678  
Ion Ratio Lower Upper  
75 100  
155 79.3 65.3 97.9  
157 106.4 80.5 120.7

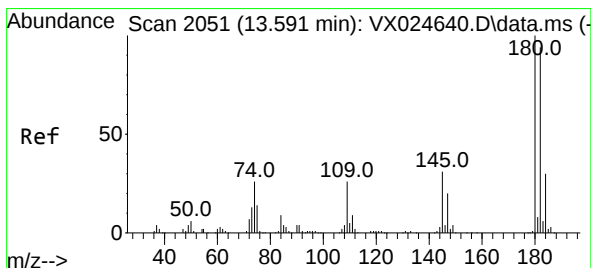
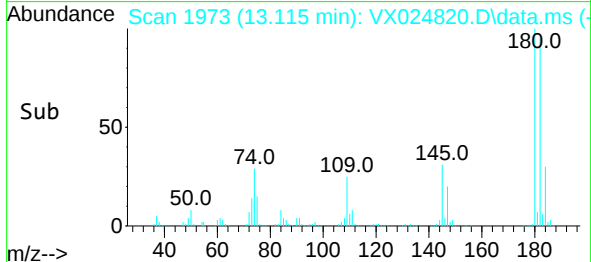
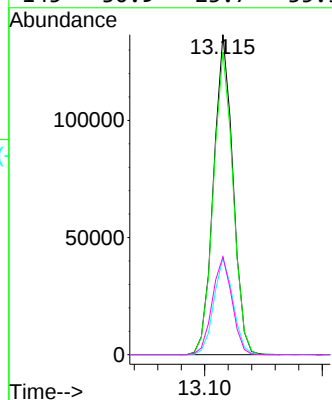
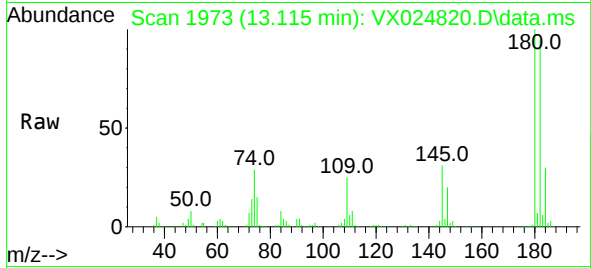




#69  
1,3,5-Trichlorobenzene  
Concen: 50.817 ug/L  
RT: 13.115 min Scan# 1973  
Delta R.T. -0.000 min  
Lab File: VX024820.D  
Acq: 14 Oct 2021 17:59

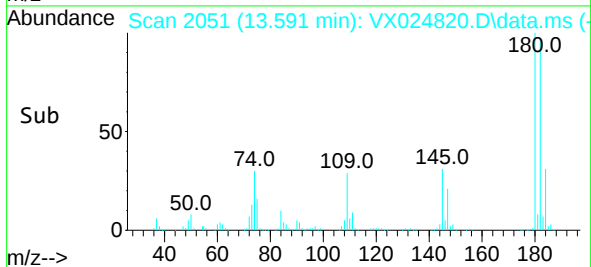
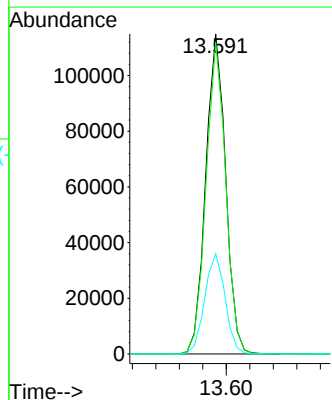
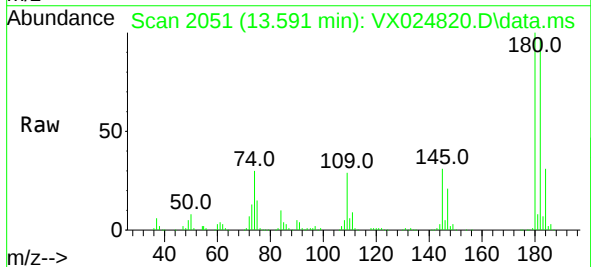
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTD050689

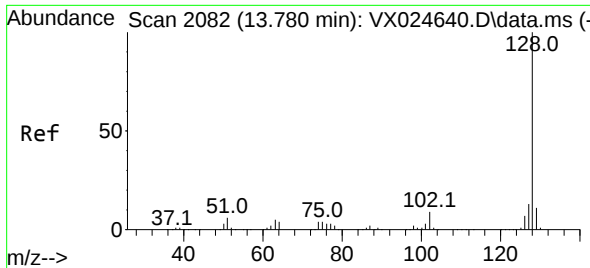
Tgt Ion:180 Resp: 156600  
Ion Ratio Lower Upper  
180 100  
182 95.7 74.8 112.2  
184 29.9 24.1 36.1  
145 30.9 23.7 35.5



#70  
1,2,4-trichlorobenzene  
Concen: 51.855 ug/L  
RT: 13.591 min Scan# 2051  
Delta R.T. -0.000 min  
Lab File: VX024820.D  
Acq: 14 Oct 2021 17:59

Tgt Ion:180 Resp: 135209  
Ion Ratio Lower Upper  
180 100  
182 95.8 74.3 111.5  
145 32.0 24.1 36.1

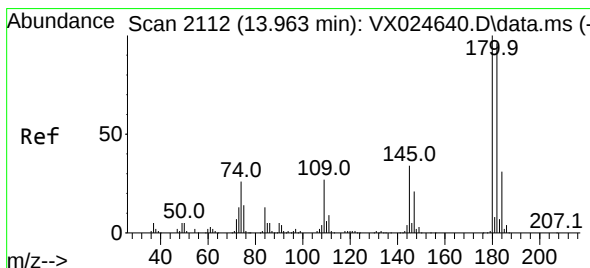
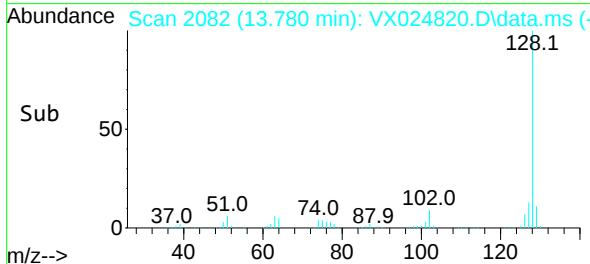
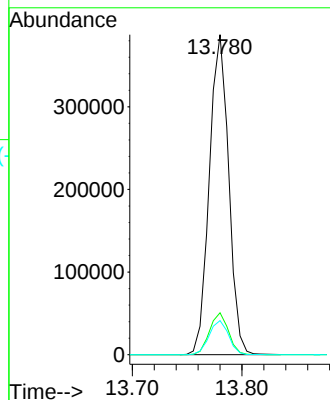
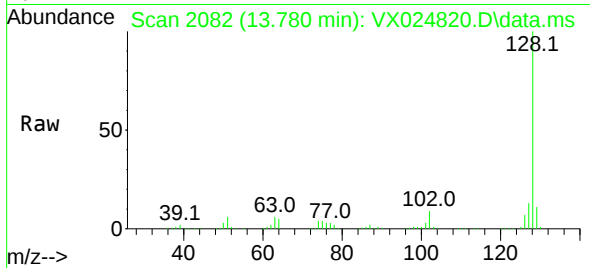




#71  
Naphthalene  
Concen: 54.600 ug/L  
RT: 13.780 min Scan# 2082  
Delta R.T. -0.000 min  
Lab File: VX024820.D  
Acq: 14 Oct 2021 17:59

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTD050689

Tgt Ion:128 Resp: 475230  
Ion Ratio Lower Upper  
128 100  
127 12.8 10.2 15.2  
129 10.7 8.6 13.0



#72  
1,2,3-Trichlorobenzene  
Concen: 52.809 ug/L  
RT: 13.963 min Scan# 2112  
Delta R.T. -0.000 min  
Lab File: VX024820.D  
Acq: 14 Oct 2021 17:59

Tgt Ion:180 Resp: 142085  
Ion Ratio Lower Upper  
180 100  
182 94.4 74.6 112.0  
145 33.1 25.6 38.4

