

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX080422\  
 Data File : VX030384.D  
 Acq On : 04 Aug 2022 10:44  
 Operator : JC/MD  
 Sample : VSTD00501  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTD005601

Quant Time: Aug 05 04:56:52 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\SFAMXML080422WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Fri Aug 05 04:51:19 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Difluorobenzene        | 6.763  | 114  | 325397   | 50.000 | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 10.055 | 117  | 288342   | 50.000 | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 12.024 | 152  | 138641   | 50.000 | ug/L   | 0.00     |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 4) Vinyl Chloride-d3          | 1.368  | 65   | 11524    | 5.515  | ug/L   | 0.00     |
| 7) Chloroethane-d5            | 1.666  | 69   | 8249     | 5.600  | ug/L   | 0.00     |
| 11) 1,1-Dichloroethene-d2     | 2.306  | 63   | 21112    | 5.341  | ug/L   | 0.00     |
| 21) 2-Butanone-d5             | 4.458  | 46   | 19657    | 10.153 | ug/L   | -0.01    |
| 24) Chloroform-d              | 5.056  | 84   | 23170    | 5.386  | ug/L   | -0.01    |
| 26) 1,2-Dichloroethane-d4     | 5.958  | 65   | 15692    | 5.373  | ug/L   | 0.00     |
| 32) Benzene-d6                | 5.970  | 84   | 43330    | 5.246  | ug/L   | -0.01    |
| 36) 1,2-Dichloropropane-d6    | 7.306  | 67   | 13812    | 5.154  | ug/L   | 0.00     |
| 41) Toluene-d8                | 8.647  | 98   | 40299    | 5.176  | ug/L   | 0.00     |
| 43) trans-1,3-Dichloroprop... | 8.952  | 79   | 6491     | 4.869  | ug/L   | 0.00     |
| 47) 2-Hexanone-d5             | 9.384  | 63   | 13613    | 9.966  | ug/L   | 0.00     |
| 56) 1,1,2,2-Tetrachloroeth... | 11.189 | 84   | 18520    | 5.261  | ug/L   | 0.00     |
| 66) 1,2-Dichlorobenzene-d4    | 12.323 | 152  | 13920    | 5.176  | ug/L   | 0.00     |
| Target Compounds              |        |      |          |        |        |          |
|                               |        |      |          |        |        | Qvalue   |
| 2) Dichlorodifluoromethane    | 1.166  | 85   | 12661    | 5.171  | ug/L   | 96       |
| 3) Chloromethane              | 1.294  | 50   | 10812    | 5.136  | ug/L   | 98       |
| 5) Vinyl chloride             | 1.374  | 62   | 11526    | 5.125  | ug/L   | 97       |
| 6) Bromomethane               | 1.611  | 94   | 5919     | 5.601  | ug/L   | 85       |
| 8) Chloroethane               | 1.691  | 64   | 6740     | 5.262  | ug/L   | 92       |
| 9) Trichlorofluoromethane     | 1.886  | 101  | 17174    | 5.167  | ug/L   | 100      |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.331  | 101  | 10340    | 5.230  | ug/L   | 99       |
| 12) 1,1-Dichloroethene        | 2.319  | 96   | 8866     | 4.868  | ug/L   | 88       |
| 13) Acetone                   | 2.386  | 43   | 15701    | 11.061 | ug/L   | 99       |
| 14) Carbon disulfide          | 2.514  | 76   | 29398    | 4.980  | ug/L   | 99       |
| 15) Methyl Acetate            | 2.709  | 43   | 14494    | 4.935  | ug/L   | 93       |
| 16) Methylene chloride        | 2.788  | 84   | 12678    | 5.490  | ug/L   | 94       |
| 17) trans-1,2-Dichloroethene  | 3.093  | 96   | 10046    | 4.761  | ug/L   | 93       |
| 18) Methyl tert-butyl Ether   | 3.111  | 73   | 35967    | 5.012  | ug/L   | 98       |
| 19) 1,1-Dichloroethane        | 3.611  | 63   | 20491    | 5.021  | ug/L   | 96       |
| 20) cis-1,2-Dichloroethene    | 4.489  | 96   | 12148    | 5.118  | ug/L   | 95       |
| 22) 2-Butanone                | 4.568  | 43   | 22693    | 10.138 | ug/L   | 100      |
| 23) Bromochloromethane        | 4.904  | 128  | 6139     | 5.158  | ug/L   | 93       |
| 25) Chloroform                | 5.099  | 83   | 21809    | 5.086  | ug/L   | 89       |
| 27) 1,2-Dichloroethane        | 6.086  | 62   | 18070    | 5.063  | ug/L   | 97       |
| 29) Cyclohexane               | 5.470  | 56   | 18400    | 4.800  | ug/L   | 98       |
| 30) 1,1,1-Trichloroethane     | 5.391  | 97   | 18744    | 4.928  | ug/L   | 98       |
| 31) Carbon tetrachloride      | 5.672  | 117  | 8687     | 2.767  | ug/L # | 28       |
| 33) Benzene                   | 6.037  | 78   | 46393    | 5.018  | ug/L   | 100      |
| 34) Trichloroethene           | 7.123  | 95   | 12978    | 4.847  | ug/L   | 89       |
| 35) Methylcyclohexane         | 7.385  | 83   | 19347    | 4.963  | ug/L   | 99       |
| 37) 1,2-Dichloropropane       | 7.434  | 63   | 11827    | 4.811  | ug/L # | 97       |
| 38) Bromodichloromethane      | 7.824  | 83   | 16033    | 4.928  | ug/L   | 94       |
| 39) cis-1,3-Dichloropropene   | 8.366  | 75   | 17032    | 4.644  | ug/L   | 92       |
| 40) 4-Methyl-2-pentanone      | 8.574  | 43   | 42425    | 9.911  | ug/L   | 96       |
| 42) Toluene                   | 8.720  | 91   | 47794    | 4.894  | ug/L   | 95       |
| 44) trans-1,3-Dichloropropene | 8.976  | 75   | 16450    | 4.584  | ug/L   | 100      |

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 Sample : VSTD00501  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTD005601

Quant Time: Aug 05 04:56:52 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\SFAMXML080422WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Fri Aug 05 04:51:19 2022  
 Response via : Initial Calibration

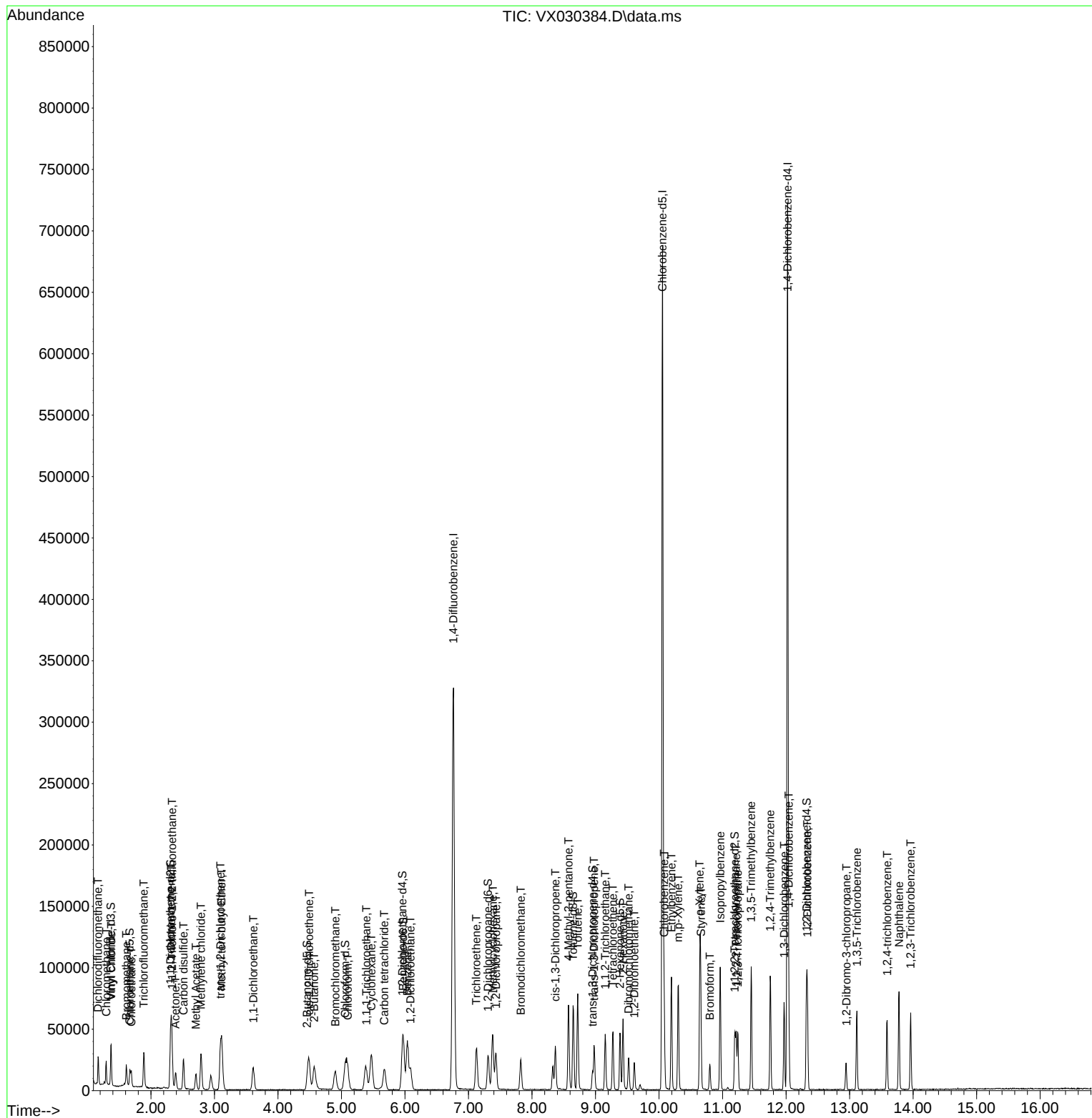
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| 45) 1,1,2-Trichloroethane     | 9.153  | 97   | 10834    | 4.740 | ug/L  | 91       |
| 46) Tetrachloroethene         | 9.275  | 164  | 8551     | 5.053 | ug/L  | 95       |
| 48) 2-Hexanone                | 9.433  | 43   | 30728    | 9.239 | ug/L  | 97       |
| 49) Dibromochloromethane      | 9.519  | 129  | 11496    | 4.728 | ug/L  | 86       |
| 50) 1,2-Dibromoethane         | 9.610  | 107  | 12123    | 4.823 | ug/L  | 91       |
| 51) Chlorobenzene             | 10.079 | 112  | 30110    | 4.949 | ug/L  | 98       |
| 52) Ethylbenzene              | 10.195 | 91   | 51202    | 4.808 | ug/L  | 96       |
| 53) m,p-Xylene                | 10.299 | 106  | 19135    | 4.821 | ug/L  | 97       |
| 54) o-Xylene                  | 10.640 | 106  | 18847    | 4.765 | ug/L  | 94       |
| 55) Styrene                   | 10.659 | 104  | 30119    | 4.523 | ug/L  | 99       |
| 57) 1,1,2,2-Tetrachloroethane | 11.213 | 83   | 16292    | 4.685 | ug/L  | 97       |
| 59) Bromoform                 | 10.799 | 173  | 7163     | 4.744 | ug/L  | 97       |
| 60) Isopropylbenzene          | 10.963 | 105  | 49073    | 4.994 | ug/L  | 100      |
| 61) 1,2,3-Trichloropropane    | 11.238 | 75   | 14866    | 4.993 | ug/L  | 98       |
| 62) 1,3,5-Trimethylbenzene    | 11.451 | 105  | 40316    | 4.805 | ug/L  | 98       |
| 63) 1,2,4-Trimethylbenzene    | 11.750 | 105  | 40084    | 4.731 | ug/L  | 99       |
| 64) 1,3-Dichlorobenzene       | 11.969 | 146  | 21318    | 4.990 | ug/L  | 98       |
| 65) 1,4-Dichlorobenzene       | 12.042 | 146  | 21599    | 4.974 | ug/L  | 94       |
| 67) 1,2-Dichlorobenzene       | 12.335 | 146  | 21406    | 4.845 | ug/L  | 93       |
| 68) 1,2-Dibromo-3-chloropr... | 12.951 | 75   | 4192     | 4.268 | ug/L  | 94       |
| 69) 1,3,5-Trichlorobenzene    | 13.115 | 180  | 14140    | 4.720 | ug/L  | 98       |
| 70) 1,2,4-trichlorobenzene    | 13.591 | 180  | 12222    | 4.645 | ug/L  | 96       |
| 71) Naphthalene               | 13.780 | 128  | 48306    | 4.435 | ug/L  | 99       |
| 72) 1,2,3-Trichlorobenzene    | 13.963 | 180  | 12808    | 4.608 | ug/L  | 95       |

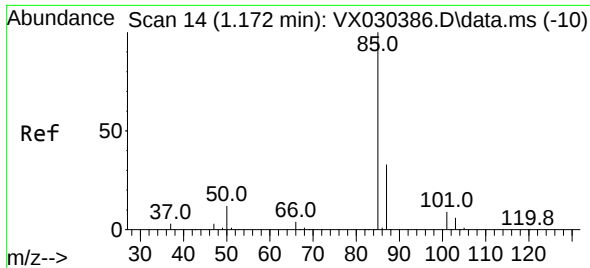
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Sample : VSTD00501  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\SFAMXML080422WMA.M  
Quant Title : VOC Analysis  
QLast Update : Fri Aug 05 04:51:19 2022  
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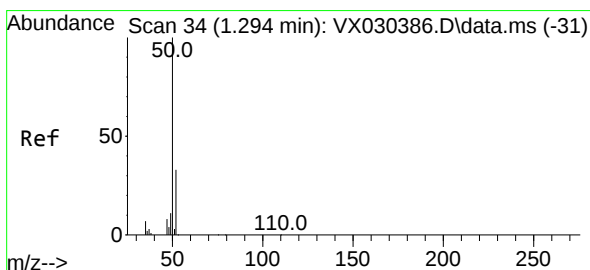
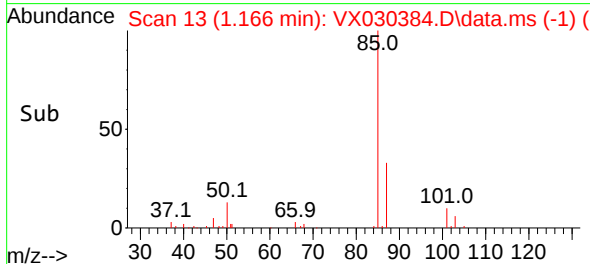
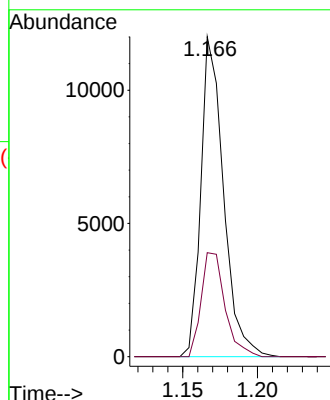
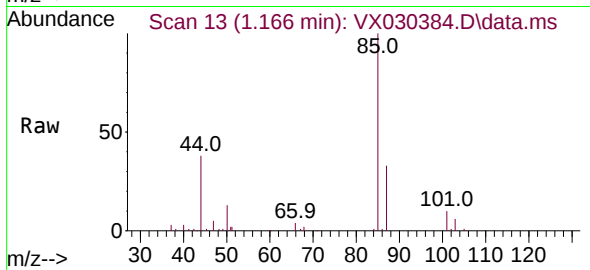




#2  
Dichlorodifluoromethane  
Concen: 5.171 ug/L  
RT: 1.166 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VX030384.D  
Acq: 04 Aug 2022 10:44

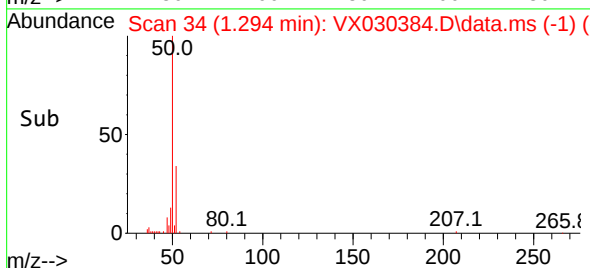
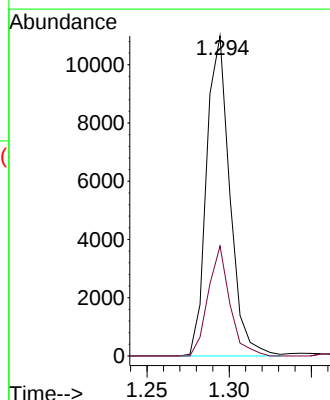
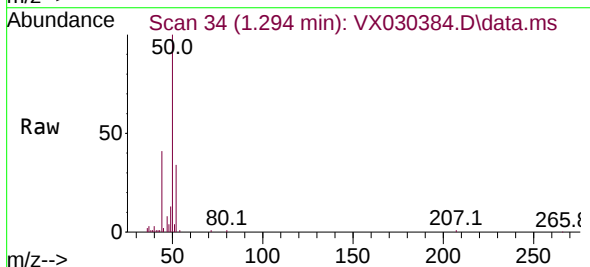
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTD005601

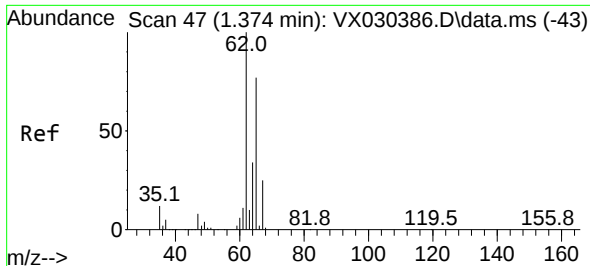
Tgt Ion: 85 Resp: 12661  
Ion Ratio Lower Upper  
85 100  
87 34.1 25.6 38.4



#3  
Chloromethane  
Concen: 5.136 ug/L  
RT: 1.294 min Scan# 34  
Delta R.T. -0.000 min  
Lab File: VX030384.D  
Acq: 04 Aug 2022 10:44

Tgt Ion: 50 Resp: 10812  
Ion Ratio Lower Upper  
50 100  
52 34.3 23.3 43.3

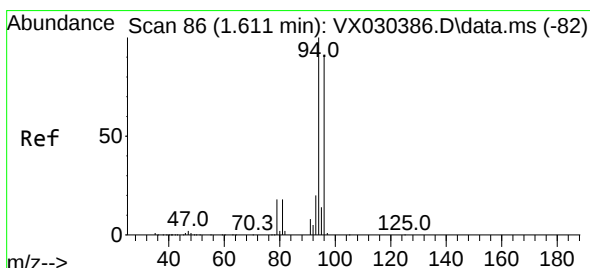
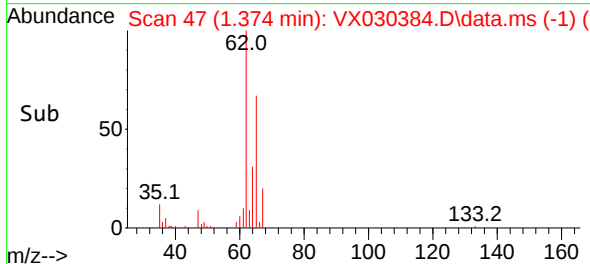
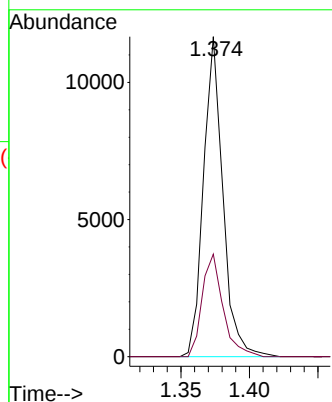
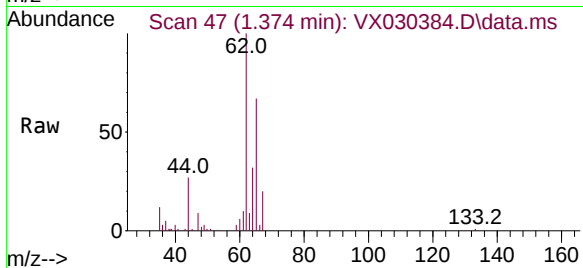




#5  
 Vinyl chloride  
 Concen: 5.125 ug/L  
 RT: 1.374 min Scan# 41  
 Delta R.T. -0.000 min  
 Lab File: VX030384.D  
 Acq: 04 Aug 2022 10:44

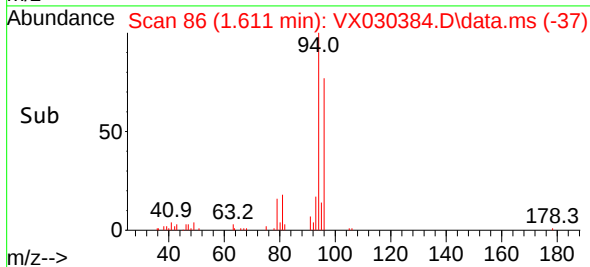
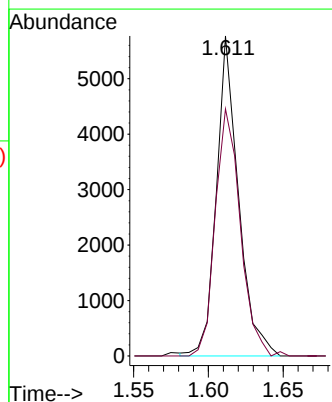
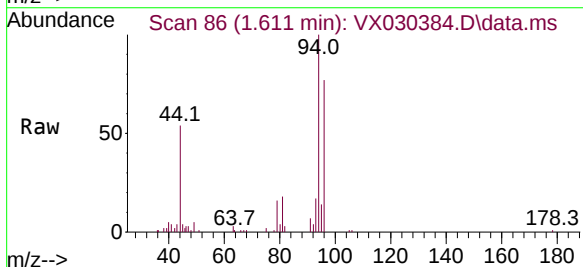
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTD005601

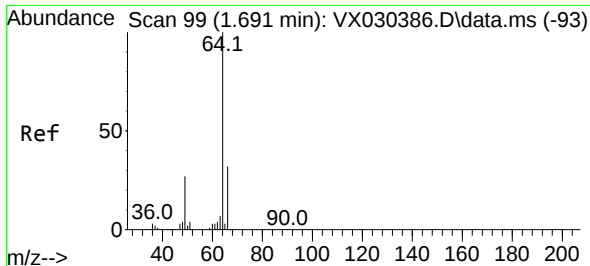
Tgt Ion: 62 Resp: 11526  
 Ion Ratio Lower Upper  
 62 100  
 64 32.1 23.8 44.2



#6  
 Bromomethane  
 Concen: 5.601 ug/L  
 RT: 1.611 min Scan# 86  
 Delta R.T. -0.000 min  
 Lab File: VX030384.D  
 Acq: 04 Aug 2022 10:44

Tgt Ion: 94 Resp: 5919  
 Ion Ratio Lower Upper  
 94 100  
 96 77.2 63.8 118.6

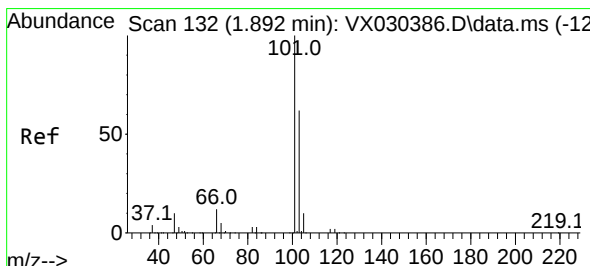
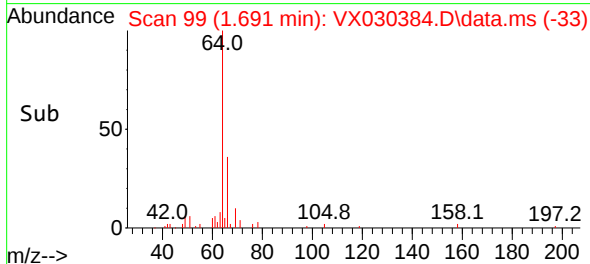
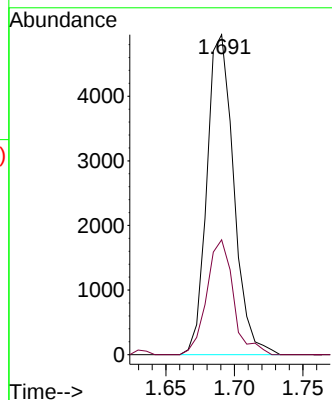
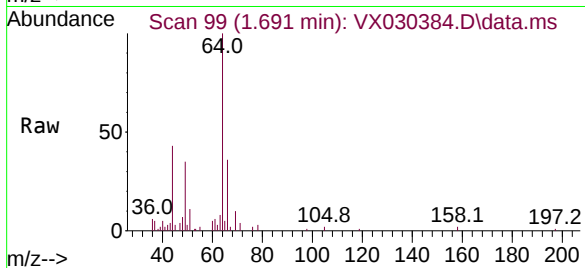




#8  
 Chloroethane  
 Concen: 5.262 ug/L  
 RT: 1.691 min Scan# 99  
 Delta R.T. -0.000 min  
 Lab File: VX030384.D  
 Acq: 04 Aug 2022 10:44

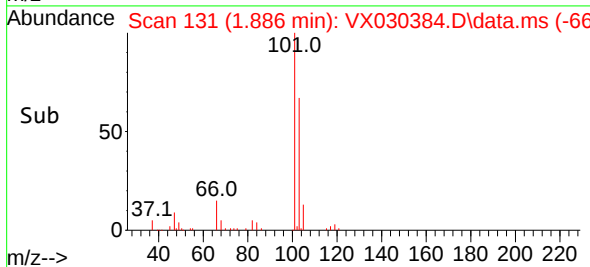
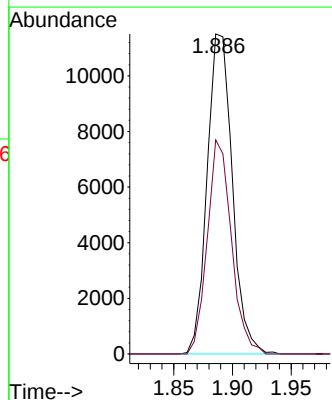
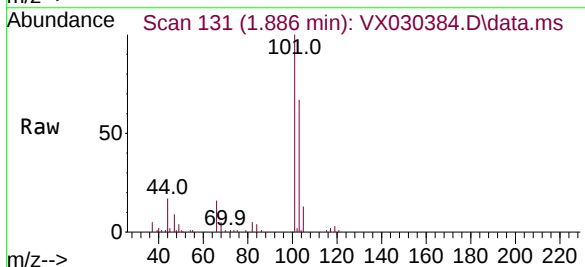
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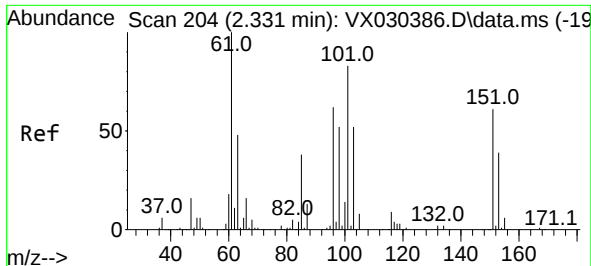
Tgt Ion: 64 Resp: 6740  
 Ion Ratio Lower Upper  
 64 100  
 66 35.9 22.1 41.1



#9  
 Trichlorofluoromethane  
 Concen: 5.167 ug/L  
 RT: 1.886 min Scan# 131  
 Delta R.T. -0.006 min  
 Lab File: VX030384.D  
 Acq: 04 Aug 2022 10:44

Tgt Ion: 101 Resp: 17174  
 Ion Ratio Lower Upper  
 101 100  
 103 64.0 51.5 77.3

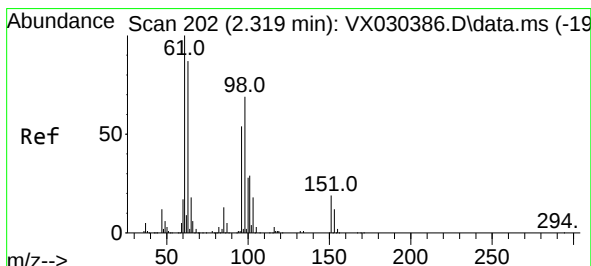
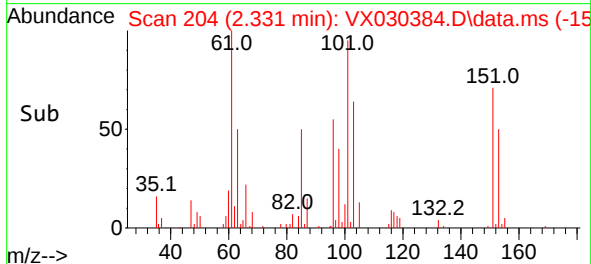
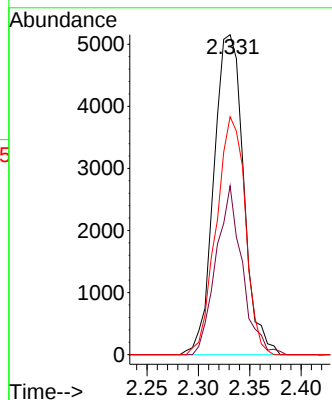
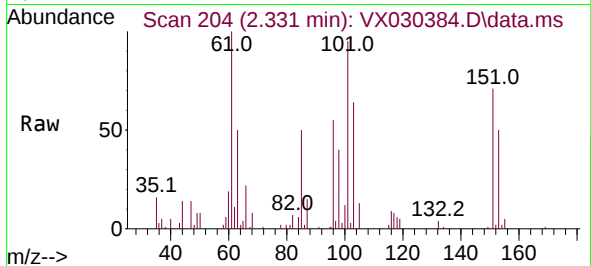




#10  
 1,1,2-Trichloro-1,2,2-trifluoroethane  
 Concen: 5.230 ug/L  
 RT: 2.331 min Scan# 204  
 Delta R.T. -0.000 min  
 Lab File: VX030384.D  
 Acq: 04 Aug 2022 10:44

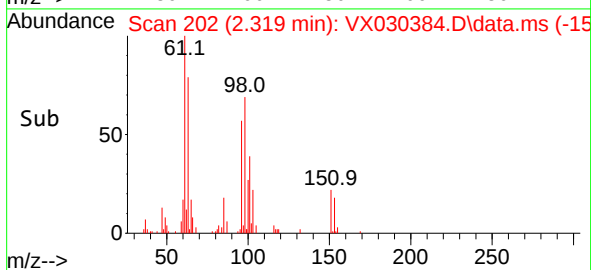
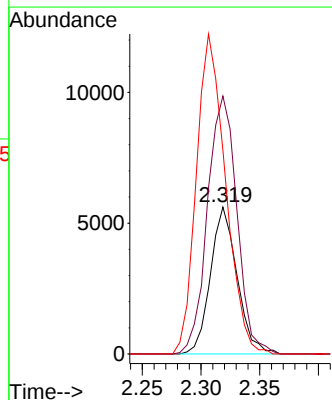
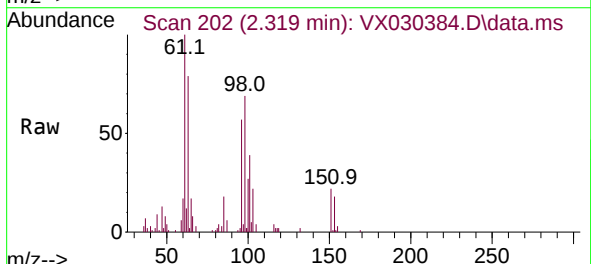
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTD005601

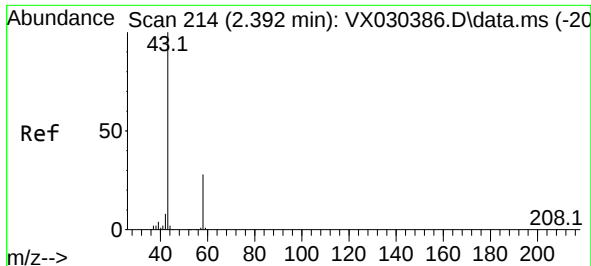
Tgt Ion:101 Resp: 10340  
 Ion Ratio Lower Upper  
 101 100  
 85 46.2 35.3 52.9  
 151 72.8 58.3 87.5



#12  
 1,1-Dichloroethene  
 Concen: 4.868 ug/L  
 RT: 2.319 min Scan# 202  
 Delta R.T. -0.000 min  
 Lab File: VX030384.D  
 Acq: 04 Aug 2022 10:44

Tgt Ion: 96 Resp: 8866  
 Ion Ratio Lower Upper  
 96 100  
 61 175.6 130.2 241.8  
 63 138.7 113.5 210.9

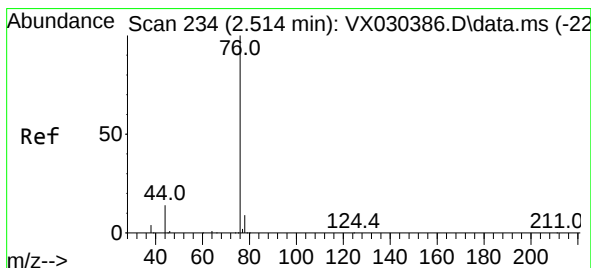
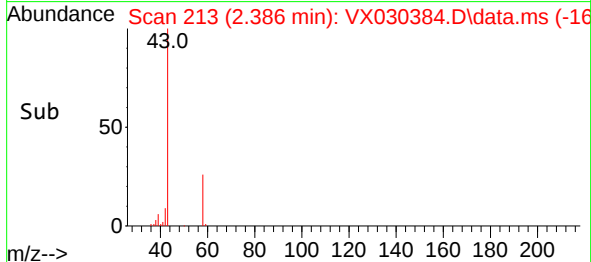
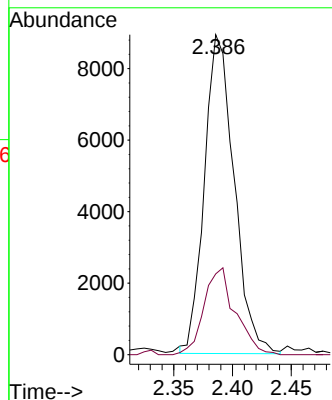
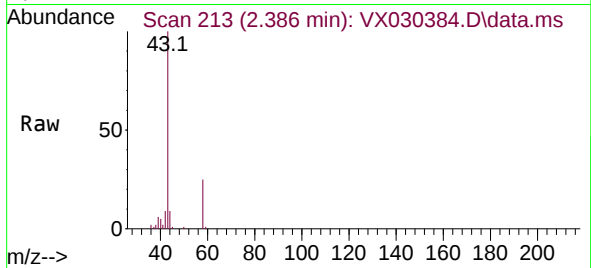




#13  
Acetone  
Concen: 11.061 ug/L  
RT: 2.386 min Scan# 214  
Delta R.T. -0.006 min  
Lab File: VX030384.D  
Acq: 04 Aug 2022 10:44

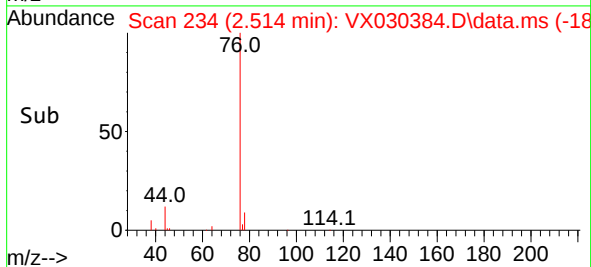
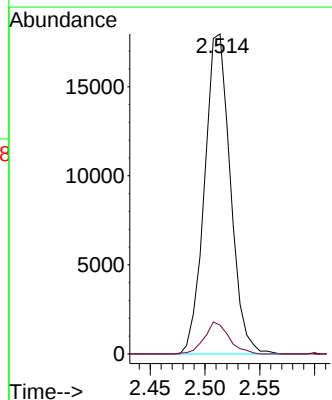
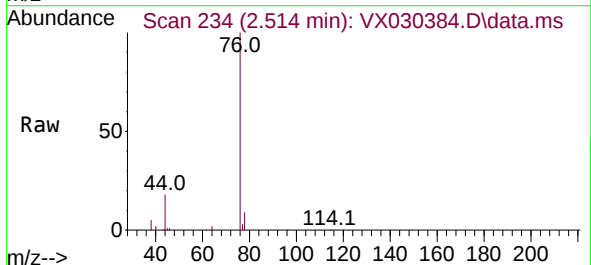
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTD005601

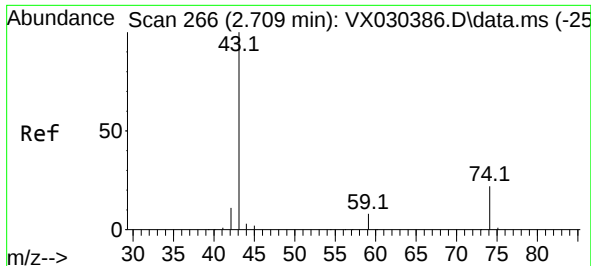
Tgt Ion: 43 Resp: 15701  
Ion Ratio Lower Upper  
43 100  
58 28.6 0.0 57.8



#14  
Carbon disulfide  
Concen: 4.980 ug/L  
RT: 2.514 min Scan# 234  
Delta R.T. -0.000 min  
Lab File: VX030384.D  
Acq: 04 Aug 2022 10:44

Tgt Ion: 76 Resp: 29398  
Ion Ratio Lower Upper  
76 100  
78 9.0 7.4 11.2

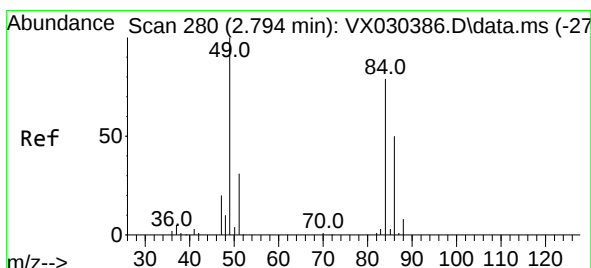
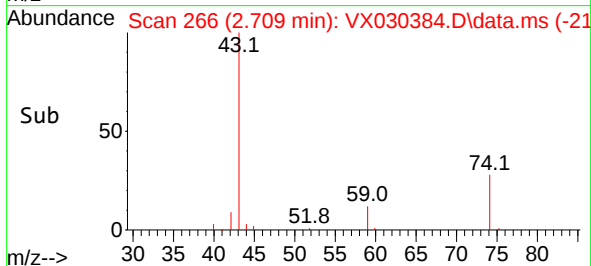
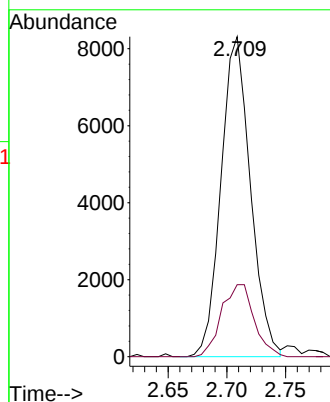
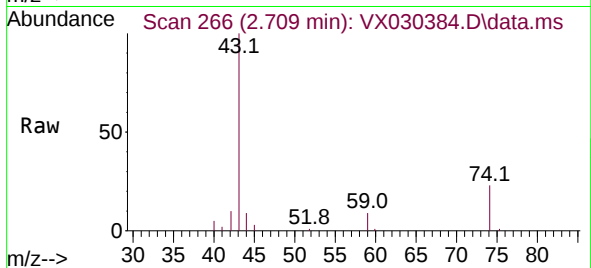




#15  
Methyl Acetate  
Concen: 4.935 ug/L  
RT: 2.709 min Scan# 211  
Delta R.T. -0.000 min  
Lab File: VX030384.D  
Acq: 04 Aug 2022 10:44

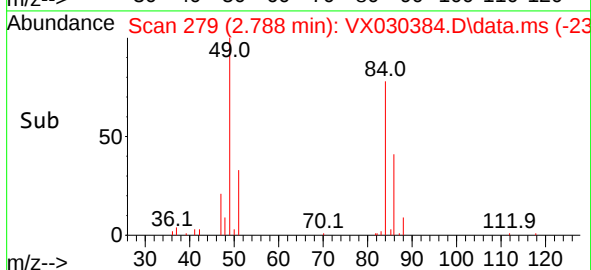
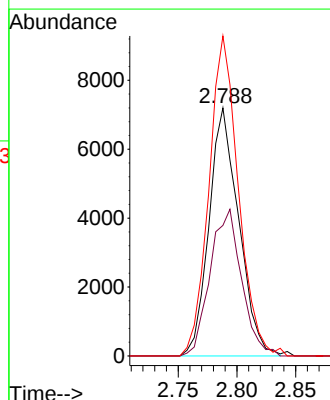
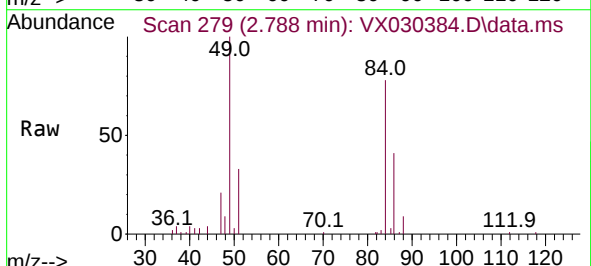
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTD005601

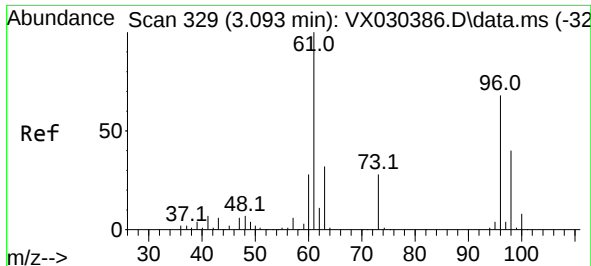
Tgt Ion: 43 Resp: 14494  
Ion Ratio Lower Upper  
43 100  
74 25.0 17.2 25.8



#16  
Methylene chloride  
Concen: 5.490 ug/L  
RT: 2.788 min Scan# 279  
Delta R.T. -0.006 min  
Lab File: VX030384.D  
Acq: 04 Aug 2022 10:44

Tgt Ion: 84 Resp: 12678  
Ion Ratio Lower Upper  
84 100  
86 52.6 44.2 82.2  
49 129.0 89.0 165.2





#17

trans-1,2-Dichloroethene

Concen: 4.761 ug/L

RT: 3.093 min Scan# 31

Delta R.T. -0.000 min

Lab File: VX030384.D

Acq: 04 Aug 2022 10:44

Instrument :

MSVOA\_X

ClientSampleId :

VSTD005601

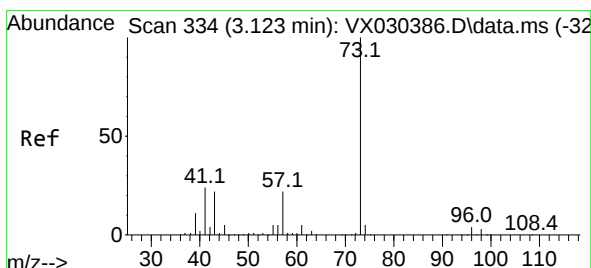
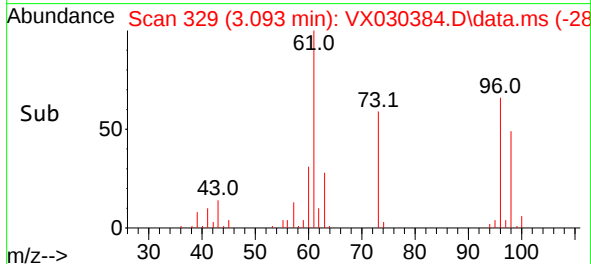
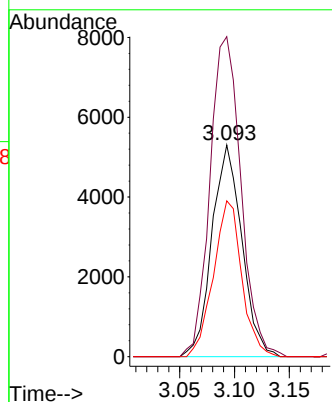
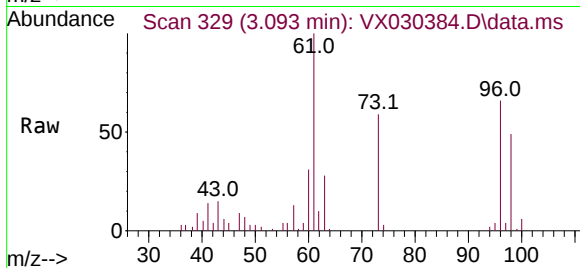
Tgt Ion: 96 Resp: 10046

Ion Ratio Lower Upper

96 100

61 151.2 103.7 192.5

98 73.6 41.5 77.1



#18

Methyl tert-butyl Ether

Concen: 5.012 ug/L

RT: 3.111 min Scan# 332

Delta R.T. -0.012 min

Lab File: VX030384.D

Acq: 04 Aug 2022 10:44

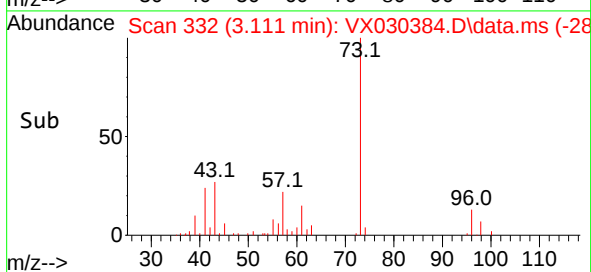
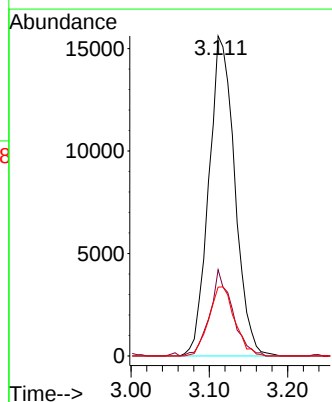
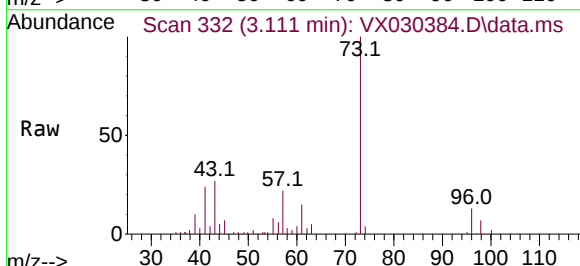
Tgt Ion: 73 Resp: 35967

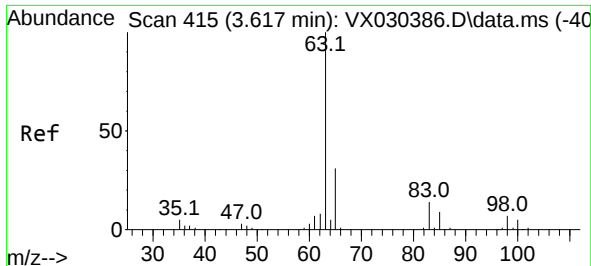
Ion Ratio Lower Upper

73 100

43 23.3 17.6 26.4

57 21.5 17.5 26.3





#19

1,1-Dichloroethane

Concen: 5.021 ug/L

RT: 3.611 min Scan# 41

Delta R.T. -0.006 min

Lab File: VX030384.D

Acq: 04 Aug 2022 10:44

Instrument :

MSVOA\_X

ClientSampleId :

VSTD005601

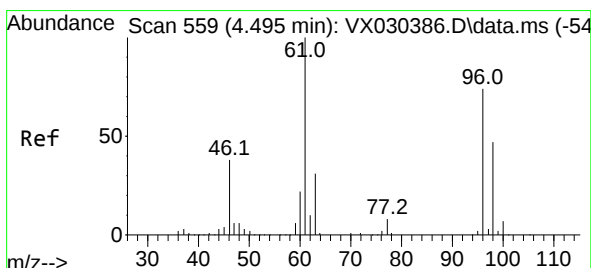
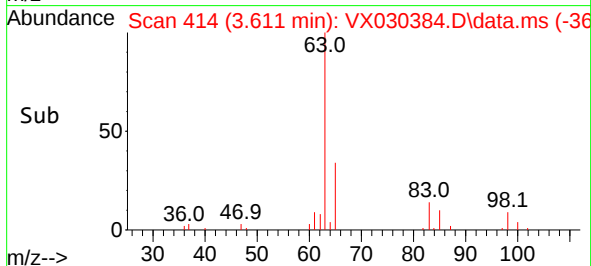
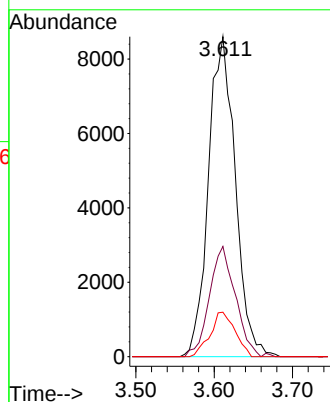
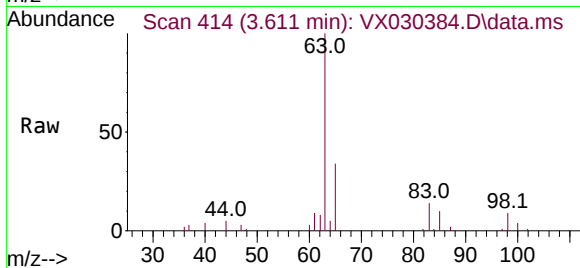
Tgt Ion: 63 Resp: 20491

Ion Ratio Lower Upper

63 100

65 34.5 22.0 40.8

83 13.9 9.9 18.3



#20

cis-1,2-Dichloroethene

Concen: 5.118 ug/L

RT: 4.489 min Scan# 558

Delta R.T. -0.006 min

Lab File: VX030384.D

Acq: 04 Aug 2022 10:44

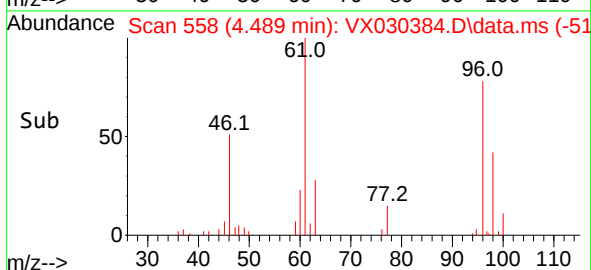
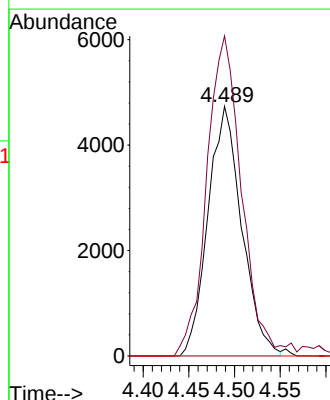
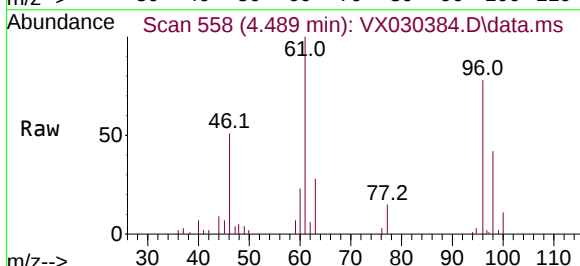
Tgt Ion: 96 Resp: 12148

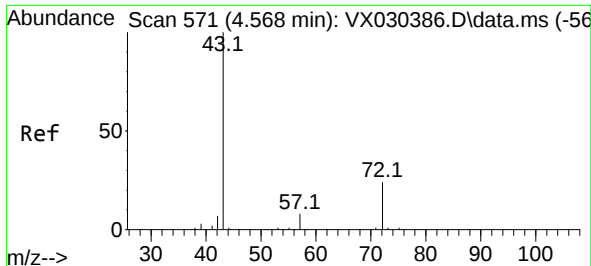
Ion Ratio Lower Upper

96 100

61 128.2 94.0 174.6

68 0.0 0.0 0.0

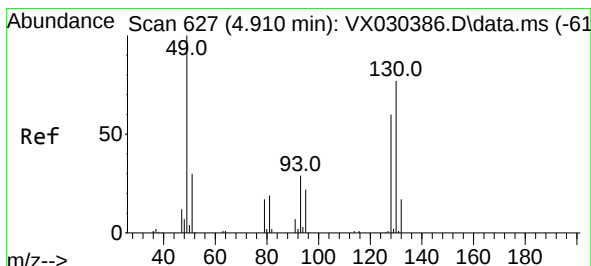
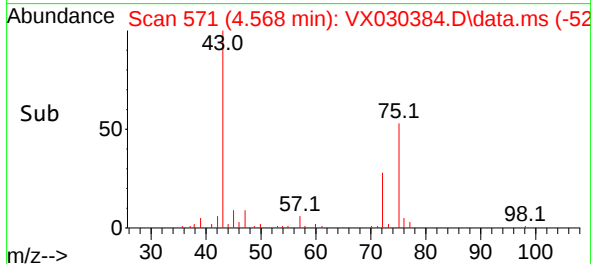
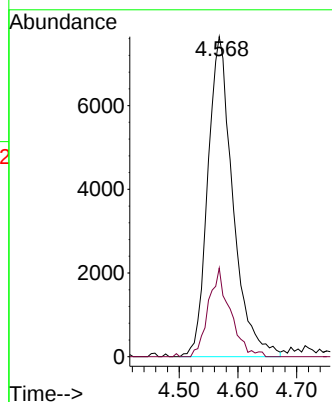
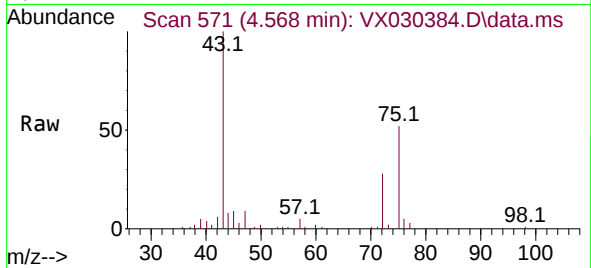




#22  
2-Butanone  
Concen: 10.138 ug/L  
RT: 4.568 min Scan# 571  
Delta R.T. -0.000 min  
Lab File: VX030384.D  
Acq: 04 Aug 2022 10:44

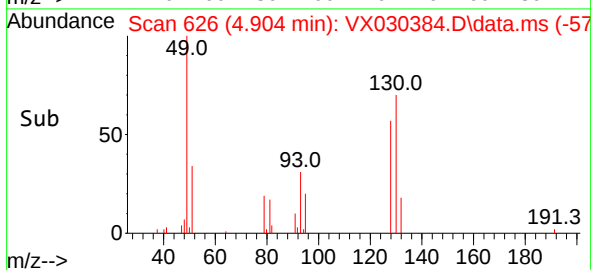
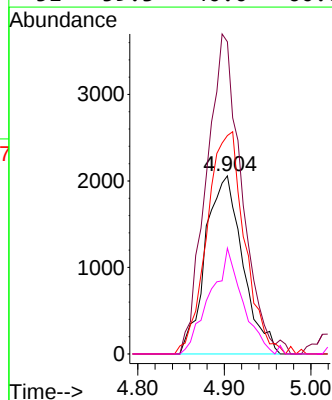
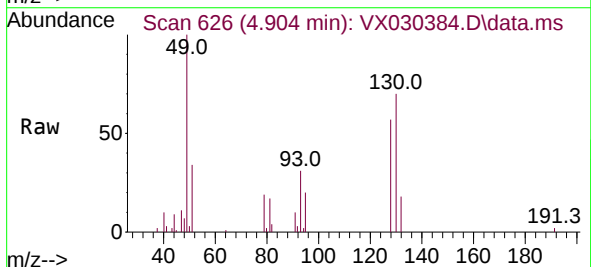
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTD005601

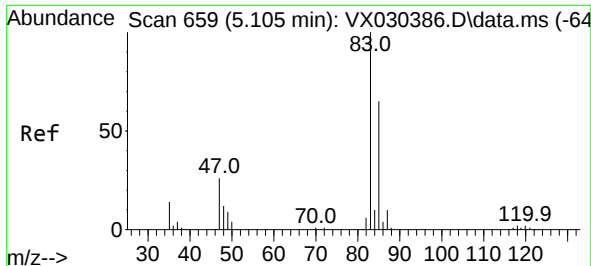
Tgt Ion: 43 Resp: 22693  
Ion Ratio Lower Upper  
43 100  
72 23.4 11.7 35.1



#23  
Bromochloromethane  
Concen: 5.158 ug/L  
RT: 4.904 min Scan# 626  
Delta R.T. -0.006 min  
Lab File: VX030384.D  
Acq: 04 Aug 2022 10:44

Tgt Ion: 128 Resp: 6139  
Ion Ratio Lower Upper  
128 100  
49 175.2 116.8 216.8  
130 122.6 90.3 167.7  
51 59.3 40.0 60.0





#25

Chloroform

Concen: 5.086 ug/L

RT: 5.099 min Scan# 61

Delta R.T. -0.006 min

Lab File: VX030384.D

Acq: 04 Aug 2022 10:44

Instrument :

MSVOA\_X

ClientSampleId :

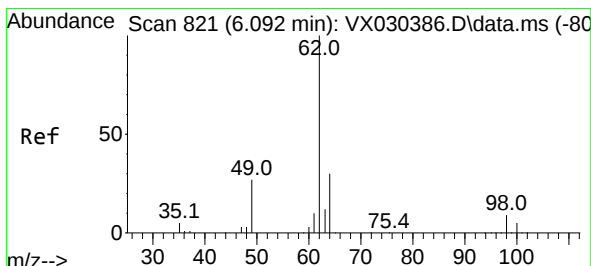
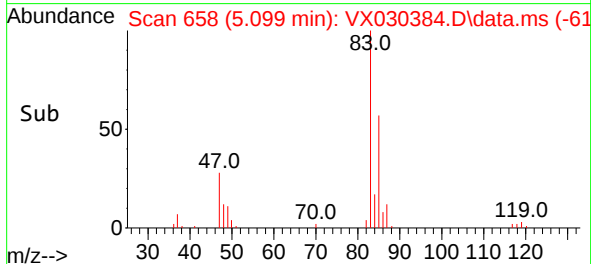
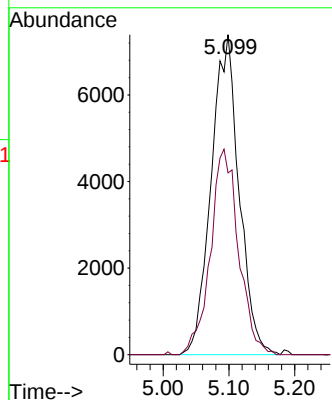
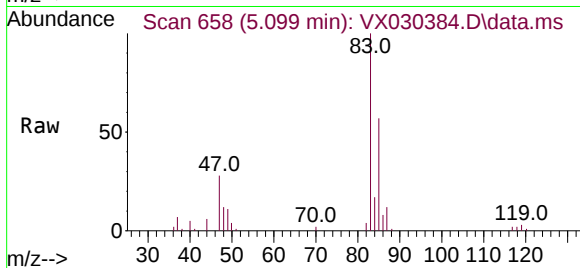
VSTD005601

Tgt Ion: 83 Resp: 21809

Ion Ratio Lower Upper

83 100

85 56.8 45.6 84.6



#27

1,2-Dichloroethane

Concen: 5.063 ug/L

RT: 6.086 min Scan# 820

Delta R.T. -0.006 min

Lab File: VX030384.D

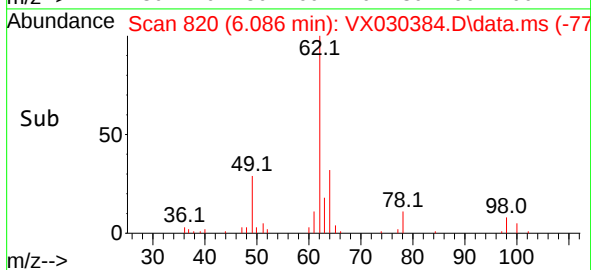
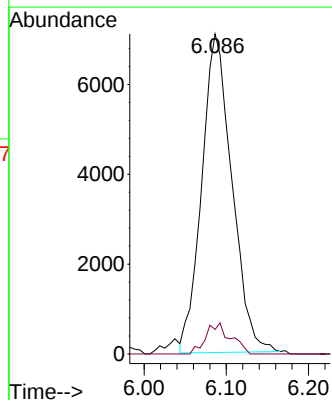
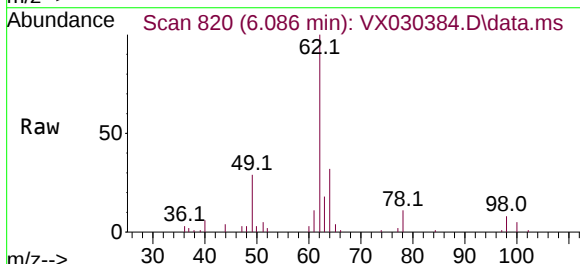
Acq: 04 Aug 2022 10:44

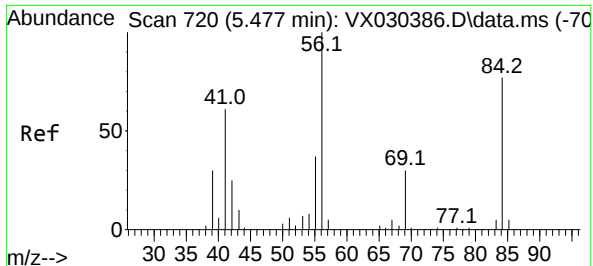
Tgt Ion: 62 Resp: 18070

Ion Ratio Lower Upper

62 100

98 7.6 7.0 10.6





#29

Cyclohexane

Concen: 4.800 ug/L

RT: 5.470 min Scan# 719

Delta R.T. -0.006 min

Lab File: VX030384.D

Acq: 04 Aug 2022 10:44

Instrument :

MSVOA\_X

ClientSampleId :

VSTD005601

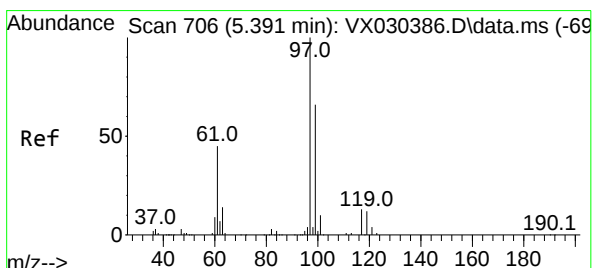
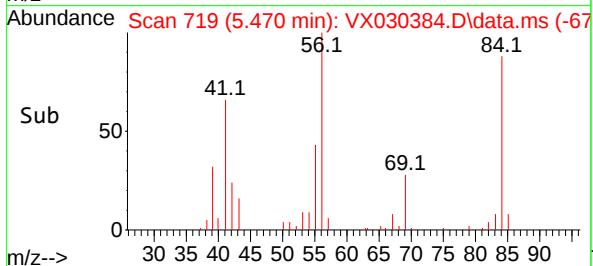
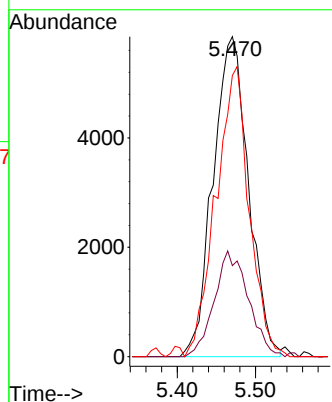
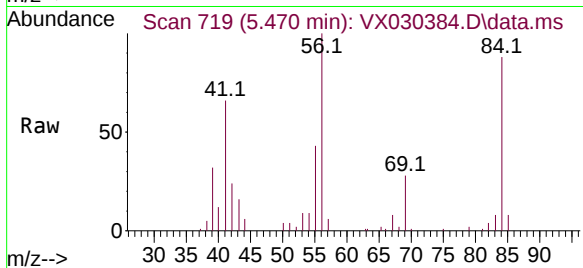
Tgt Ion: 56 Resp: 18400

Ion Ratio Lower Upper

56 100

69 31.7 24.3 36.5

84 84.8 66.7 100.1



#30

1,1,1-Trichloroethane

Concen: 4.928 ug/L

RT: 5.391 min Scan# 706

Delta R.T. -0.000 min

Lab File: VX030384.D

Acq: 04 Aug 2022 10:44

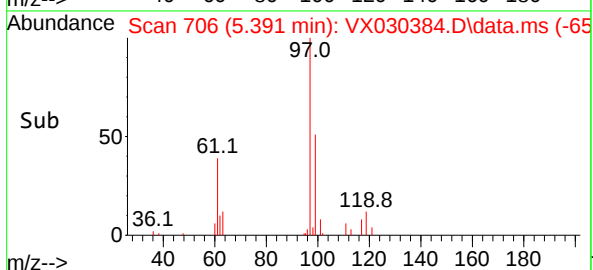
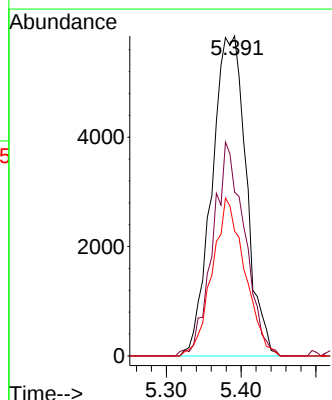
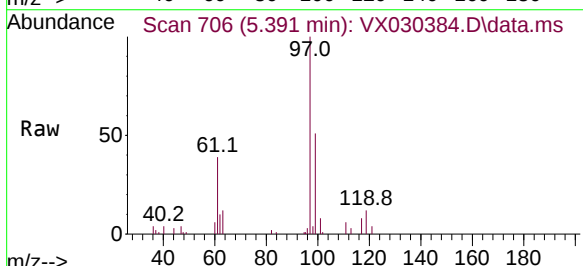
Tgt Ion: 97 Resp: 18744

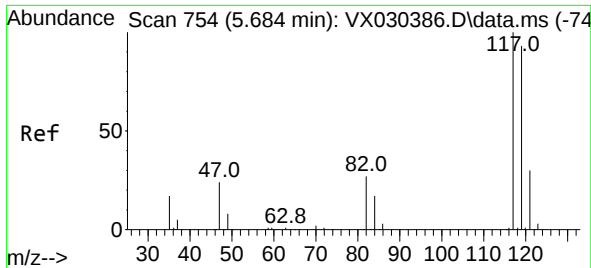
Ion Ratio Lower Upper

97 100

99 61.3 51.4 77.0

61 46.6 37.0 55.6

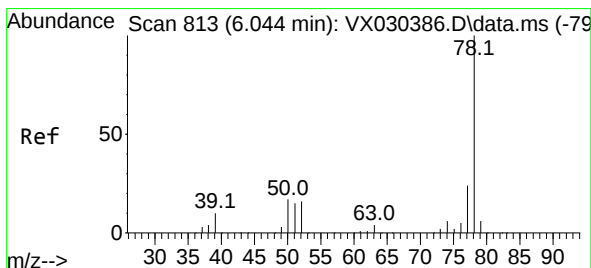
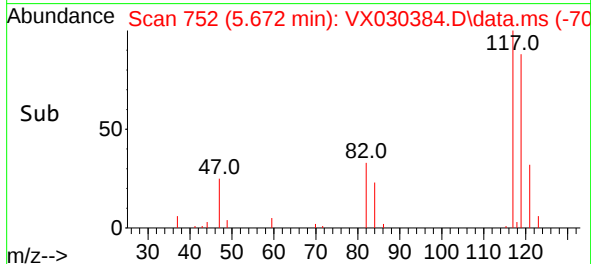
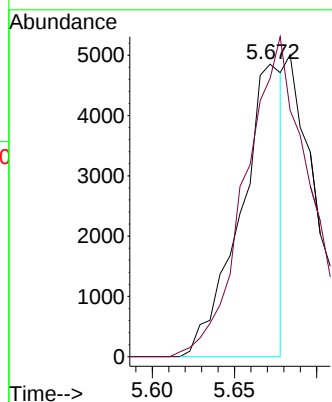
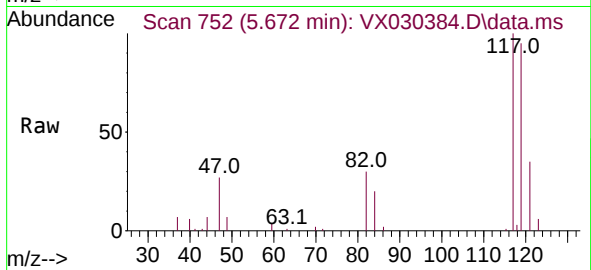




#31  
Carbon tetrachloride  
Concen: 2.767 ug/L  
RT: 5.672 min Scan# 71  
Delta R.T. -0.012 min  
Lab File: VX030384.D  
Acq: 04 Aug 2022 10:44

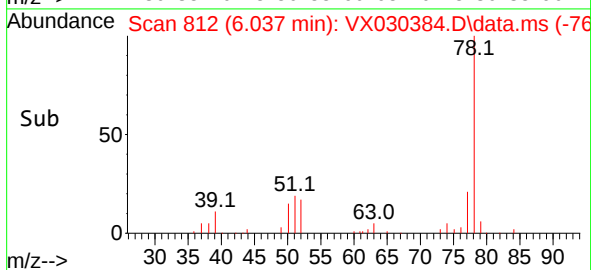
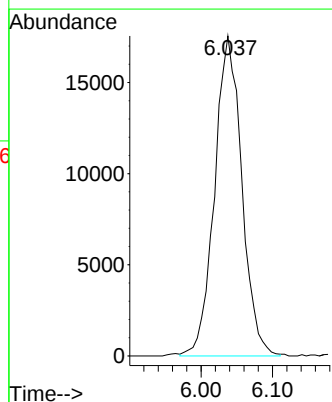
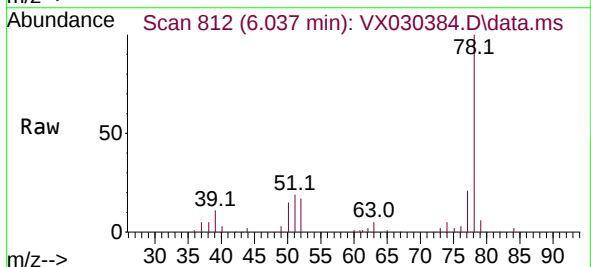
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTD005601

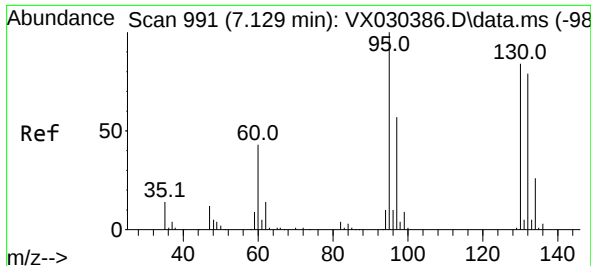
Tgt Ion:117 Resp: 8687  
Ion Ratio Lower Upper  
117 100  
119 165.5 76.2 114.2#



#33  
Benzene  
Concen: 5.018 ug/L  
RT: 6.037 min Scan# 812  
Delta R.T. -0.006 min  
Lab File: VX030384.D  
Acq: 04 Aug 2022 10:44

Tgt Ion: 78 Resp: 46393



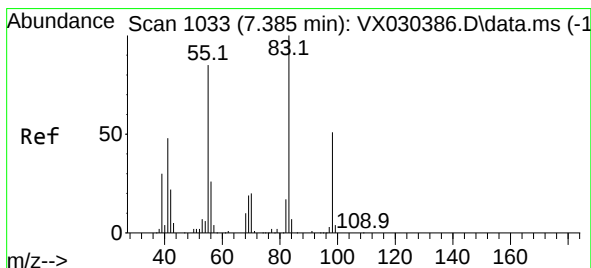
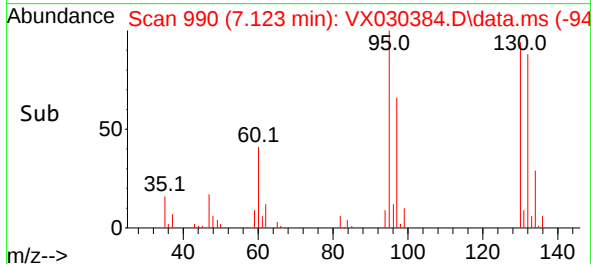
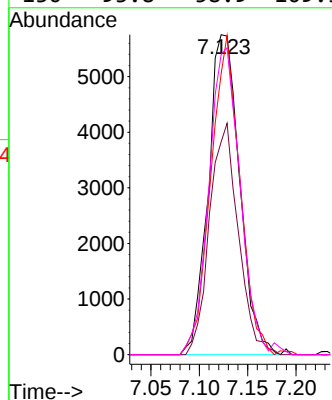
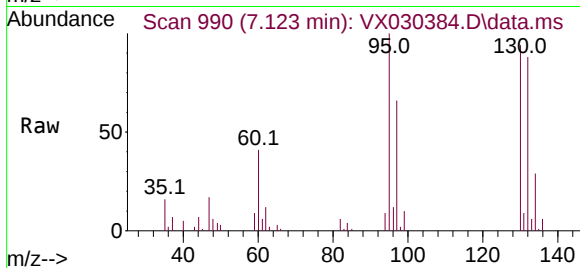


#34  
 Trichloroethene  
 Concen: 4.847 ug/L  
 RT: 7.123 min Scan# 991  
 Delta R.T. -0.006 min  
 Lab File: VX030384.D  
 Acq: 04 Aug 2022 10:44

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTD005601

Tgt Ion: 95 Resp: 12978

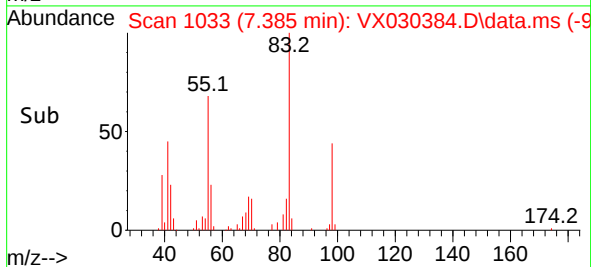
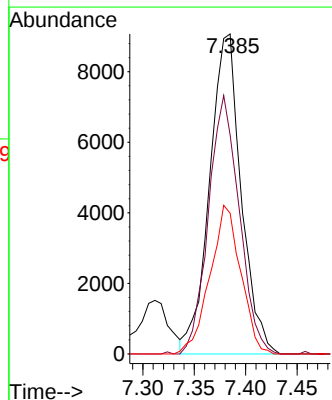
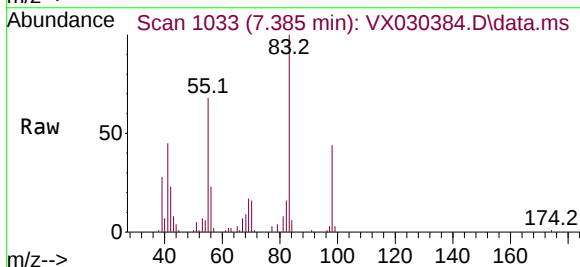
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 95  | 100   |       |       |
| 97  | 66.5  | 40.2  | 74.6  |
| 132 | 87.9  | 55.3  | 102.7 |
| 130 | 93.8  | 58.9  | 109.5 |

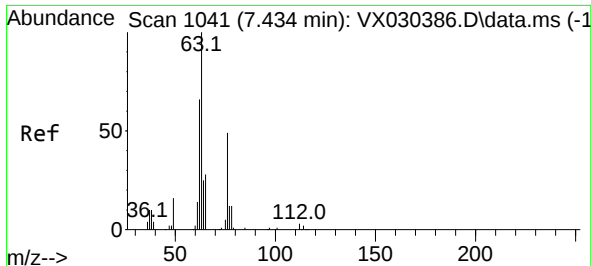


#35  
 Methylcyclohexane  
 Concen: 4.963 ug/L  
 RT: 7.385 min Scan# 1033  
 Delta R.T. -0.000 min  
 Lab File: VX030384.D  
 Acq: 04 Aug 2022 10:44

Tgt Ion: 83 Resp: 19347

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 83  | 100   |       |       |
| 55  | 78.8  | 64.0  | 96.0  |
| 98  | 45.4  | 36.7  | 55.1  |





#37

1,2-Dichloropropane

Concen: 4.811 ug/L

RT: 7.434 min Scan# 1105

Delta R.T. -0.000 min

Lab File: VX030384.D

Acq: 04 Aug 2022 10:44

Instrument :

MSVOA\_X

ClientSampleId :

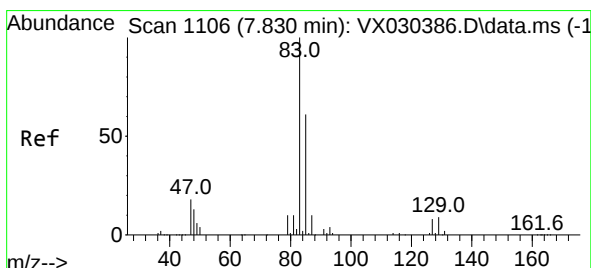
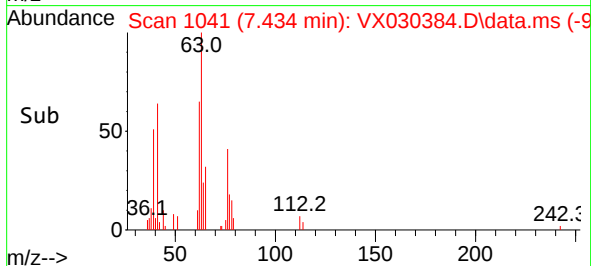
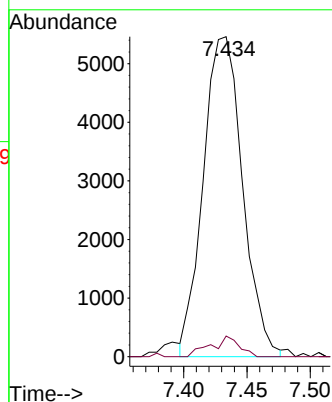
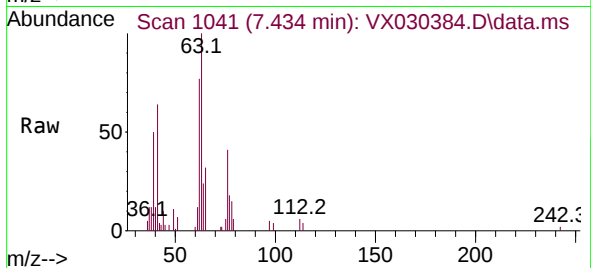
VSTD005601

Tgt Ion: 63 Resp: 11827

Ion Ratio Lower Upper

63 100

112 2.6 3.0 4.4#



#38

Bromodichloromethane

Concen: 4.928 ug/L

RT: 7.824 min Scan# 1105

Delta R.T. -0.006 min

Lab File: VX030384.D

Acq: 04 Aug 2022 10:44

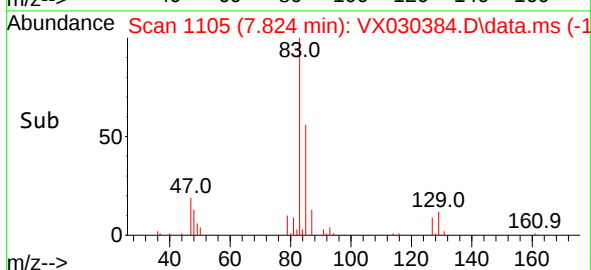
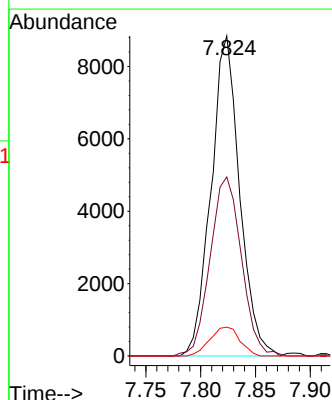
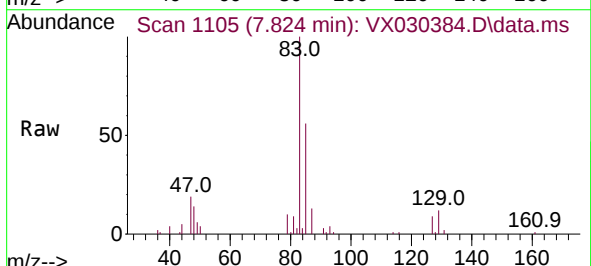
Tgt Ion: 83 Resp: 16033

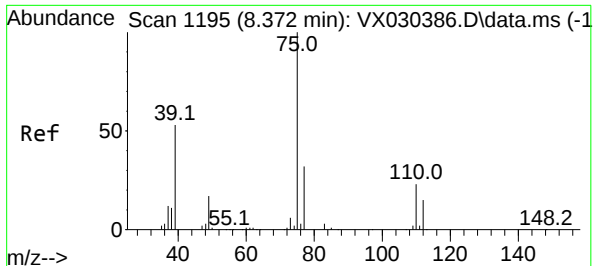
Ion Ratio Lower Upper

83 100

85 56.0 42.5 78.9

127 9.0 6.2 9.2





#39

cis-1,3-Dichloropropene

Concen: 4.644 ug/L

RT: 8.366 min Scan# 1194

Delta R.T. -0.006 min

Lab File: VX030384.D

Acq: 04 Aug 2022 10:44

Instrument :

MSVOA\_X

ClientSampleId :

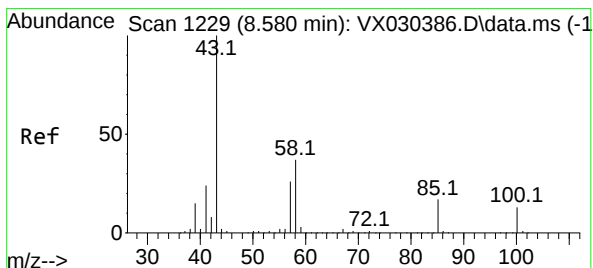
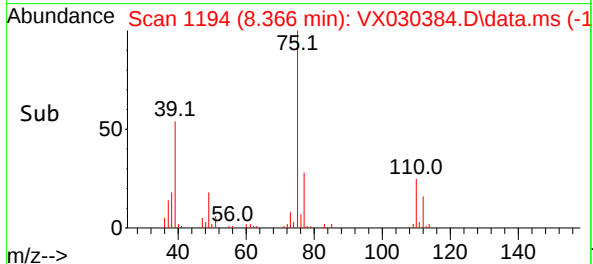
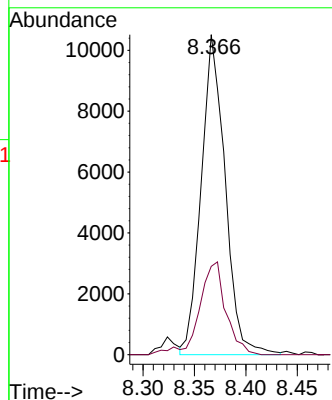
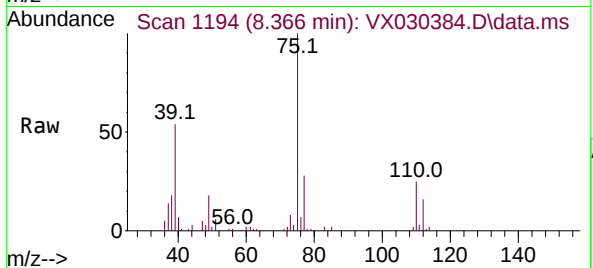
VSTD005601

Tgt Ion: 75 Resp: 17032

Ion Ratio Lower Upper

75 100

77 27.6 22.4 41.6



#40

4-Methyl-2-pentanone

Concen: 9.911 ug/L

RT: 8.574 min Scan# 1228

Delta R.T. -0.006 min

Lab File: VX030384.D

Acq: 04 Aug 2022 10:44

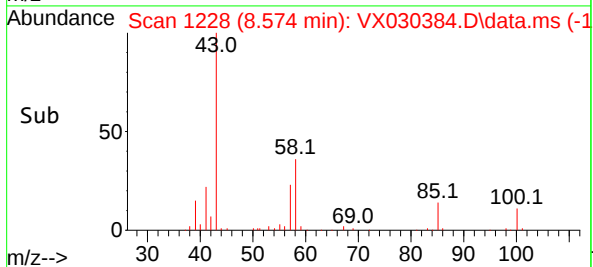
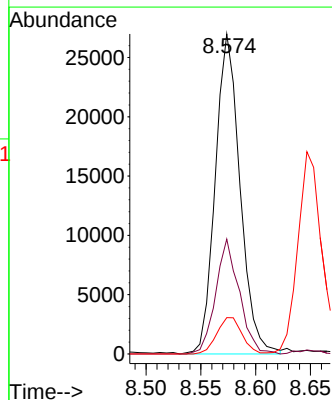
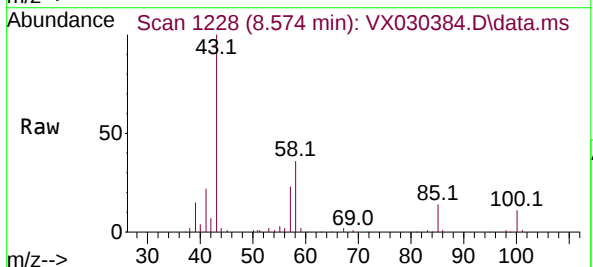
Tgt Ion: 43 Resp: 42425

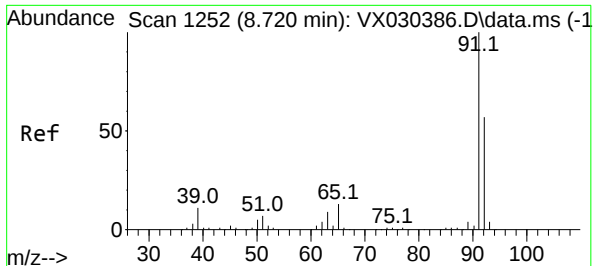
Ion Ratio Lower Upper

43 100

58 34.0 29.0 43.6

100 11.6 10.5 15.7





#42

Toluene

Concen: 4.894 ug/L

RT: 8.720 min Scan# 1252

Delta R.T. -0.000 min

Lab File: VX030384.D

Acq: 04 Aug 2022 10:44

Instrument :

MSVOA\_X

ClientSampleId :

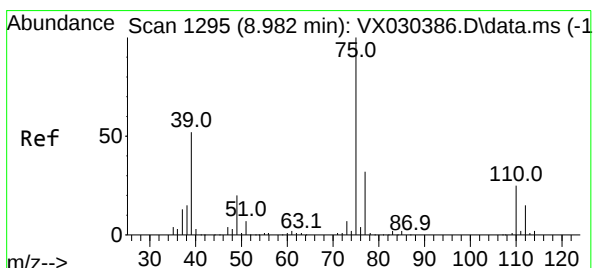
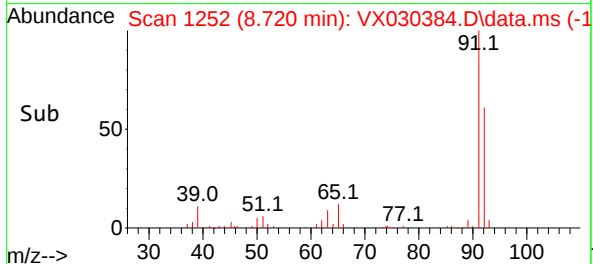
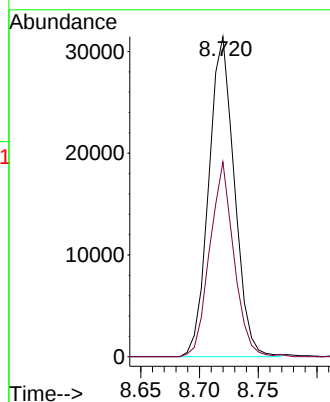
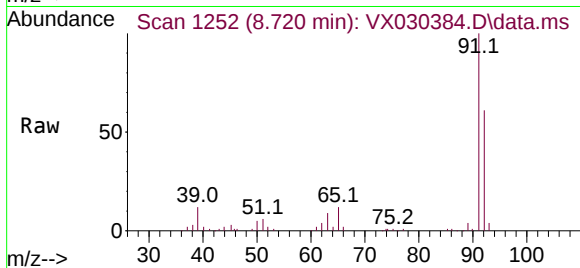
VSTD005601

Tgt Ion: 91 Resp: 47794

Ion Ratio Lower Upper

91 100

92 60.8 40.0 74.4



#44

trans-1,3-Dichloropropene

Concen: 4.584 ug/L

RT: 8.976 min Scan# 1294

Delta R.T. -0.006 min

Lab File: VX030384.D

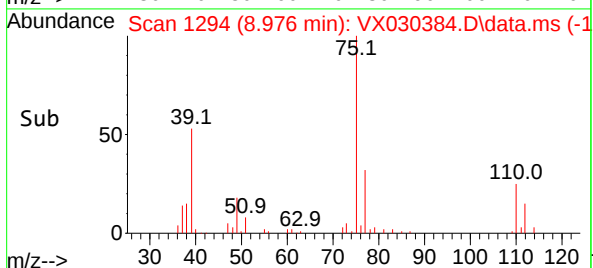
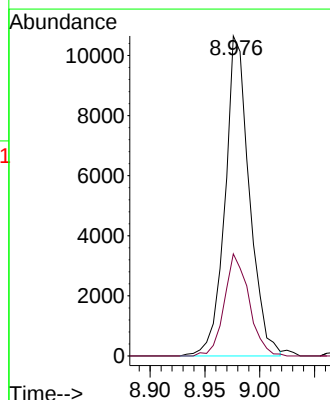
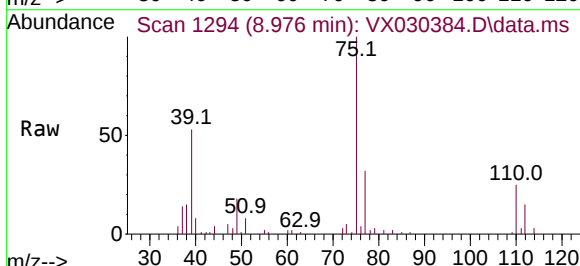
Acq: 04 Aug 2022 10:44

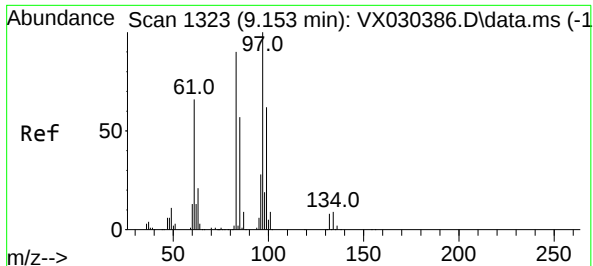
Tgt Ion: 75 Resp: 16450

Ion Ratio Lower Upper

75 100

77 31.9 22.5 41.7





#45

1,1,2-Trichloroethane

Concen: 4.740 ug/L

RT: 9.153 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX030384.D

Acq: 04 Aug 2022 10:44

Instrument :

MSVOA\_X

ClientSampleId :

VSTD005601

Tgt Ion: 97 Resp: 10834

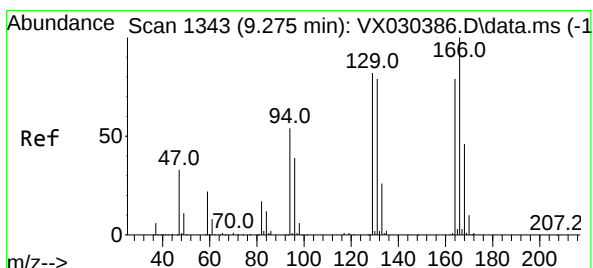
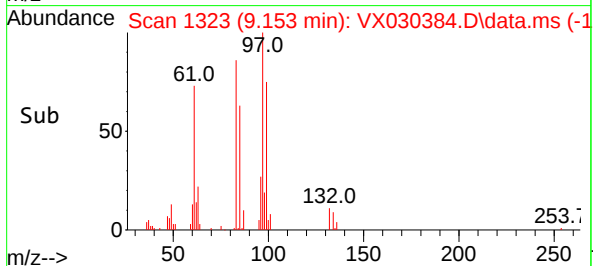
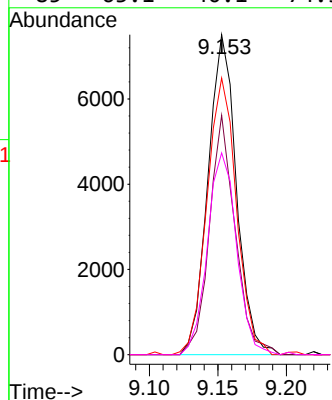
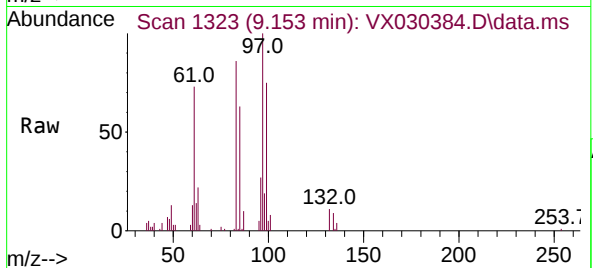
Ion Ratio Lower Upper

97 100

99 74.8 43.3 80.3

83 86.4 63.0 117.0

85 63.1 40.1 74.5



#46

Tetrachloroethene

Concen: 5.053 ug/L

RT: 9.275 min Scan# 1343

Delta R.T. -0.000 min

Lab File: VX030384.D

Acq: 04 Aug 2022 10:44

Tgt Ion:164 Resp: 8551

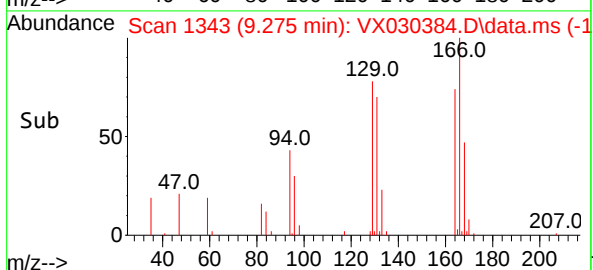
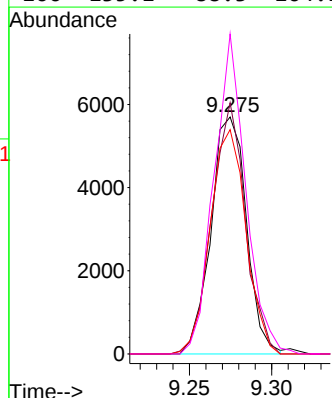
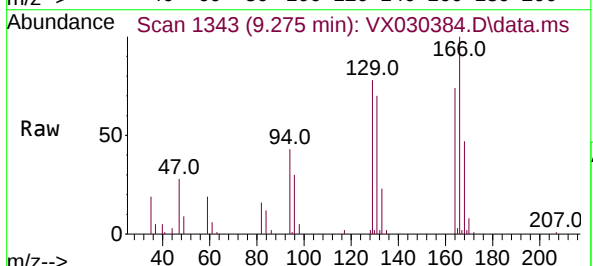
Ion Ratio Lower Upper

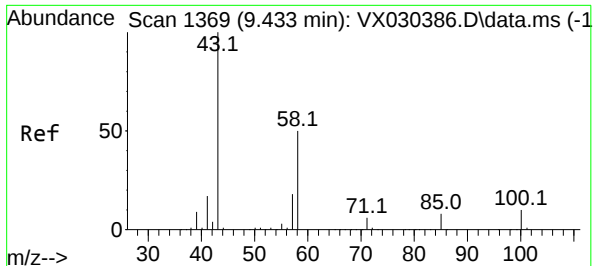
164 100

129 106.0 72.7 135.1

131 94.7 69.9 129.9

166 135.1 88.3 164.1

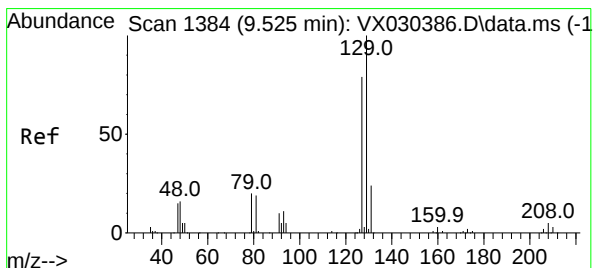
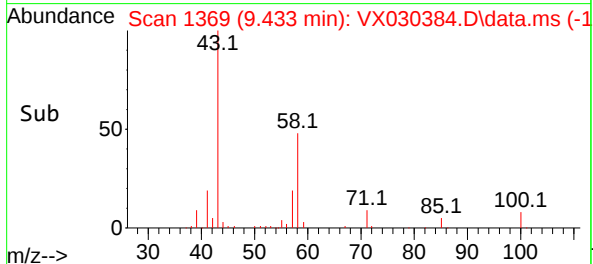
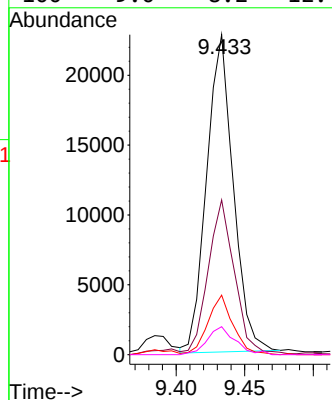
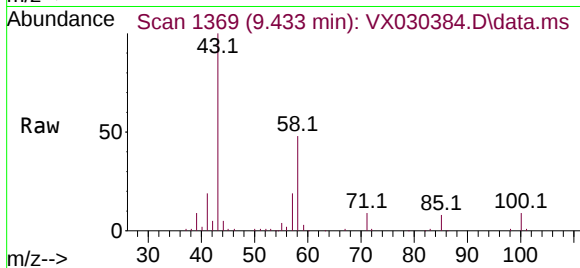




#48  
2-Hexanone  
Concen: 9.239 ug/L  
RT: 9.433 min Scan# 1369  
Delta R.T. -0.000 min  
Lab File: VX030384.D  
Acq: 04 Aug 2022 10:44

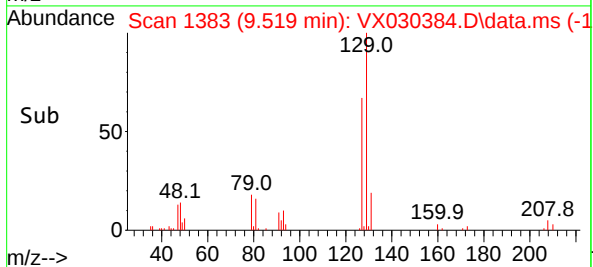
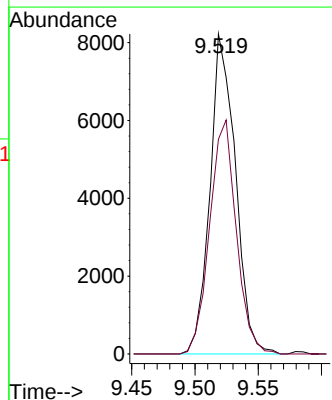
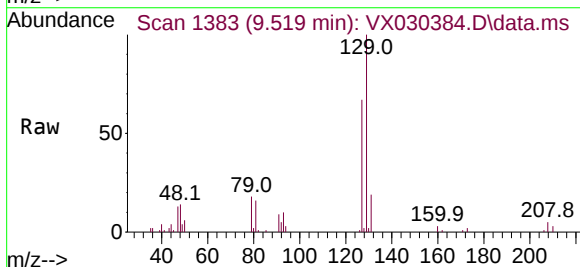
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTD005601

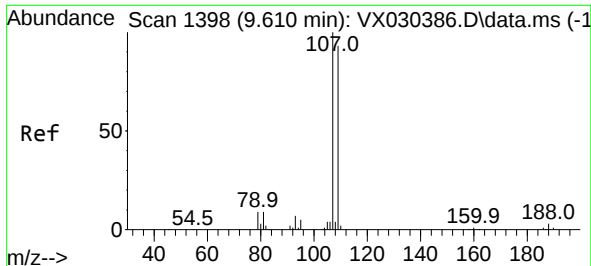
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 30728 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 58       | 48.5  | 40.4  | 60.6  |
| 57       | 17.8  | 14.6  | 22.0  |
| 100      | 9.0   | 8.2   | 12.4  |



#49  
Dibromochloromethane  
Concen: 4.728 ug/L  
RT: 9.519 min Scan# 1383  
Delta R.T. -0.006 min  
Lab File: VX030384.D  
Acq: 04 Aug 2022 10:44

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 129   | Resp: | 11496 |
| Ion      | Ratio | Lower | Upper |
| 129      | 100   |       |       |
| 127      | 67.1  | 55.6  | 103.2 |





#50

1,2-Dibromoethane

Concen: 4.823 ug/L

RT: 9.610 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX030384.D

Acq: 04 Aug 2022 10:44

Instrument :

MSVOA\_X

ClientSampleId :

VSTD005601

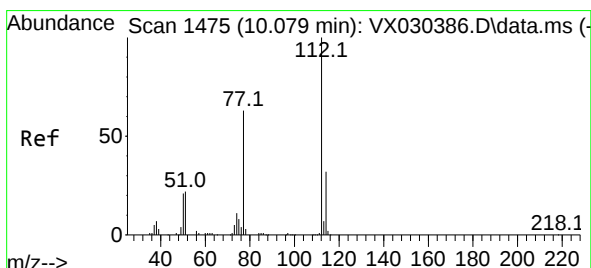
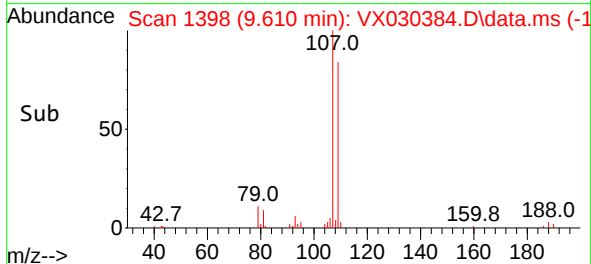
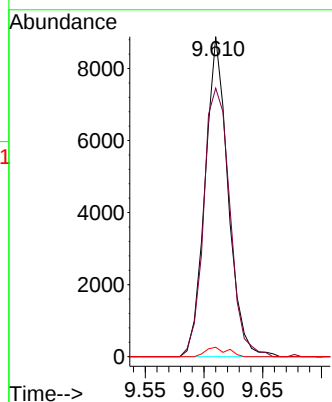
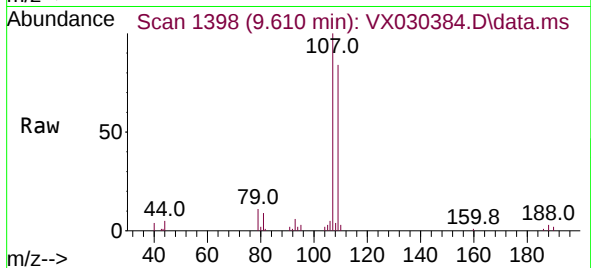
Tgt Ion:107 Resp: 12123

Ion Ratio Lower Upper

107 100

109 83.9 64.8 120.4

188 2.9 2.2 3.2



#51

Chlorobenzene

Concen: 4.949 ug/L

RT: 10.079 min Scan# 1475

Delta R.T. -0.000 min

Lab File: VX030384.D

Acq: 04 Aug 2022 10:44

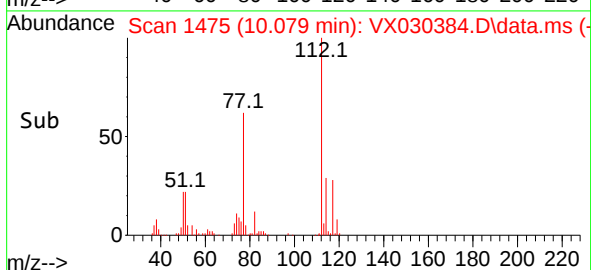
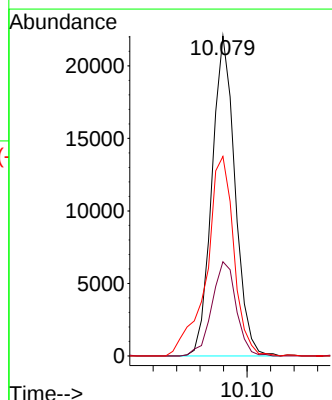
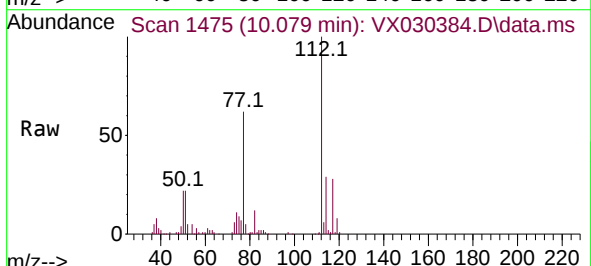
Tgt Ion:112 Resp: 30110

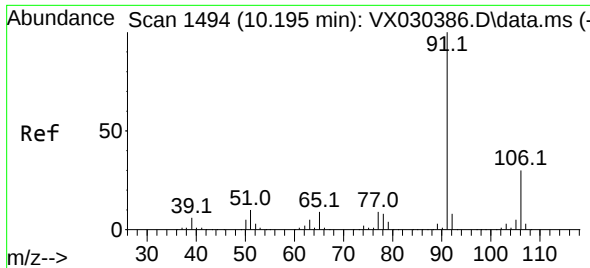
Ion Ratio Lower Upper

112 100

114 29.4 22.3 41.5

77 62.4 50.8 76.2

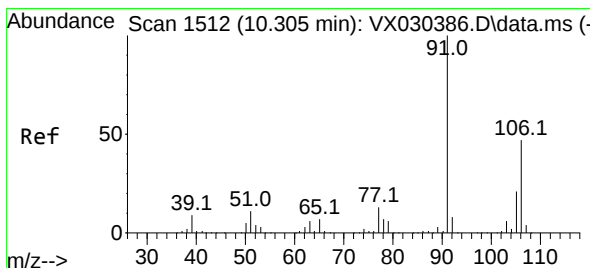
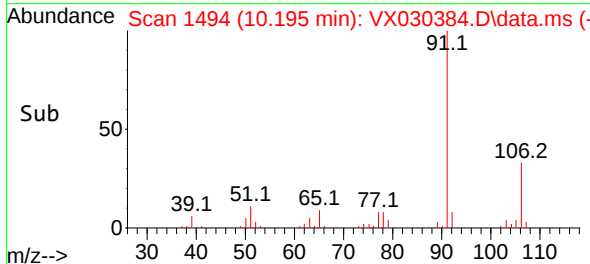
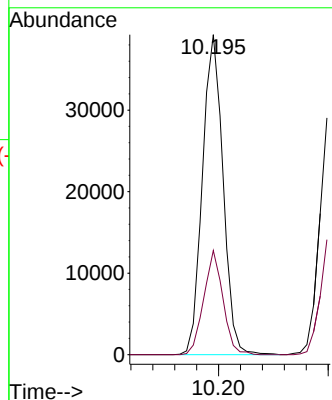
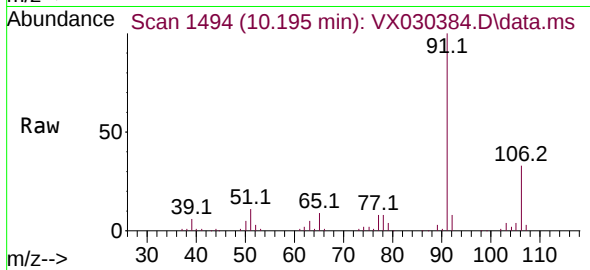




#52  
Ethylbenzene  
Concen: 4.808 ug/L  
RT: 10.195 min Scan# 1494  
Delta R.T. -0.000 min  
Lab File: VX030384.D  
Acq: 04 Aug 2022 10:44

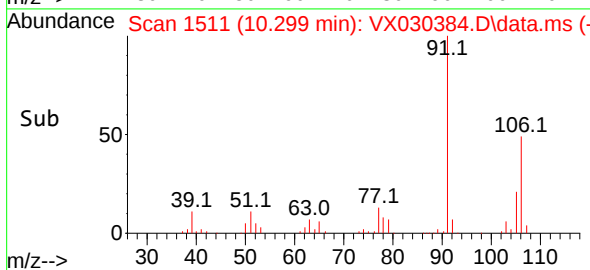
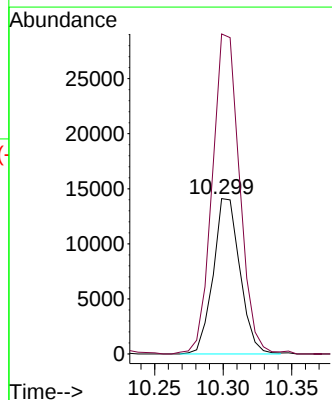
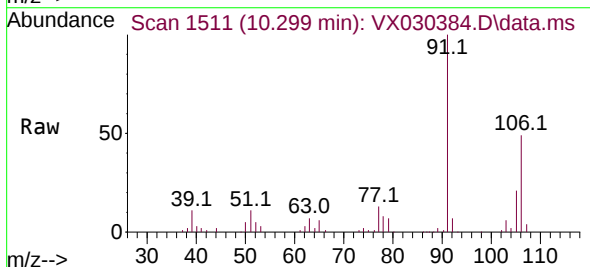
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTD005601

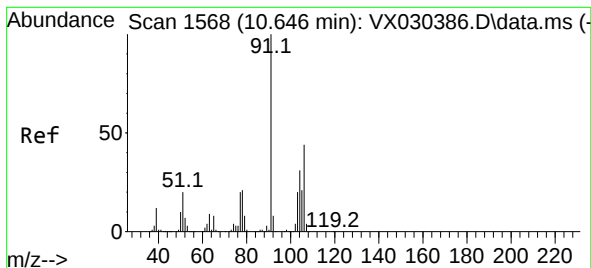
Tgt Ion: 91 Resp: 51202  
Ion Ratio Lower Upper  
91 100  
106 32.6 21.3 39.5



#53  
m,p-Xylene  
Concen: 4.821 ug/L  
RT: 10.299 min Scan# 1511  
Delta R.T. -0.006 min  
Lab File: VX030384.D  
Acq: 04 Aug 2022 10:44

Tgt Ion: 106 Resp: 19135  
Ion Ratio Lower Upper  
106 100  
91 205.9 147.8 274.6





#54

o-Xylene

Concen: 4.765 ug/L

RT: 10.640 min Scan# 1567

Delta R.T. -0.006 min

Lab File: VX030384.D

Acq: 04 Aug 2022 10:44

Instrument :

MSVOA\_X

ClientSampleId :

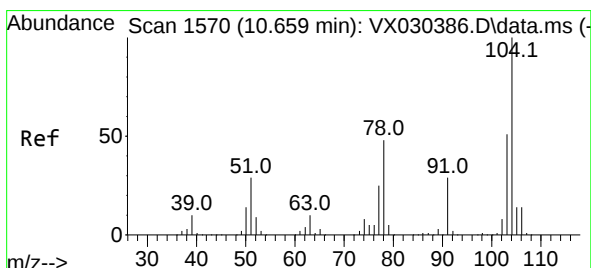
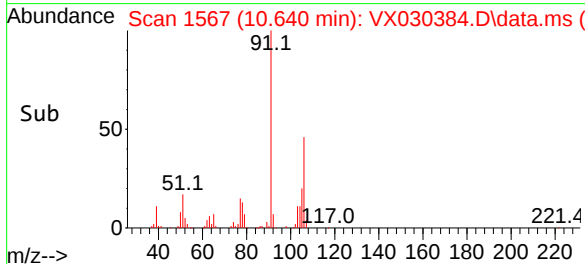
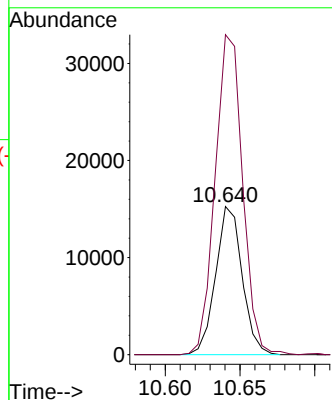
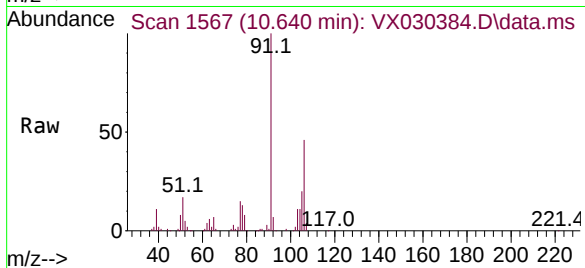
VSTD005601

Tgt Ion:106 Resp: 18847

Ion Ratio Lower Upper

106 100

91 216.0 157.8 293.0



#55

Styrene

Concen: 4.523 ug/L

RT: 10.659 min Scan# 1570

Delta R.T. -0.000 min

Lab File: VX030384.D

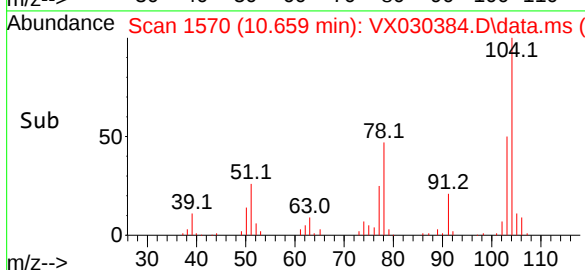
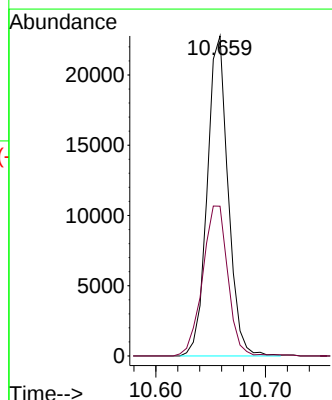
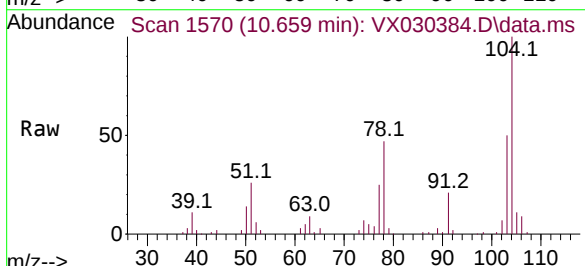
Acq: 04 Aug 2022 10:44

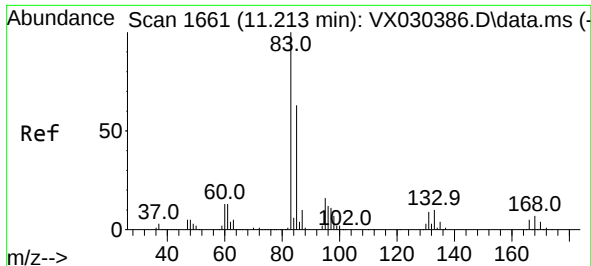
Tgt Ion:104 Resp: 30119

Ion Ratio Lower Upper

104 100

78 46.8 33.2 61.7

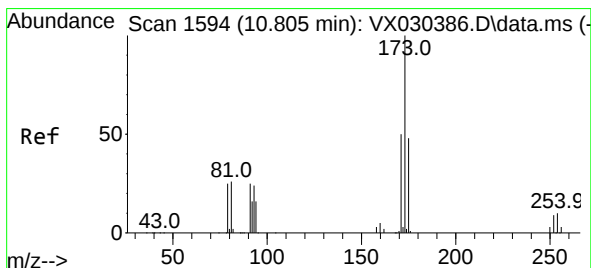
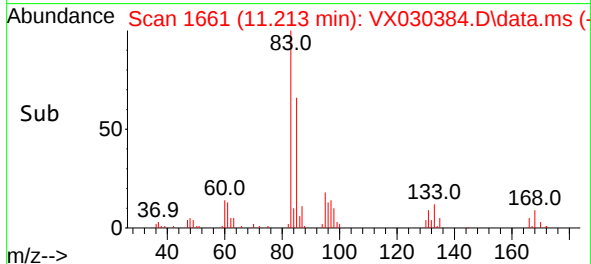
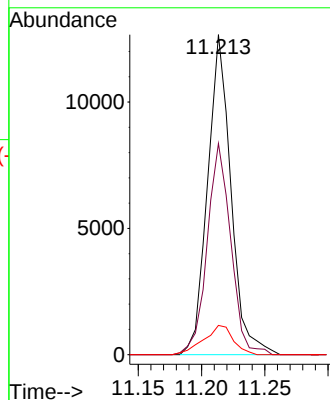
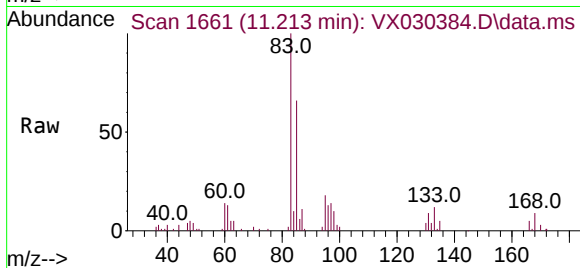




#57  
1,1,2-Tetrachloroethane  
Concen: 4.685 ug/L  
RT: 11.213 min Scan# 1661  
Delta R.T. -0.000 min  
Lab File: VX030384.D  
Acq: 04 Aug 2022 10:44

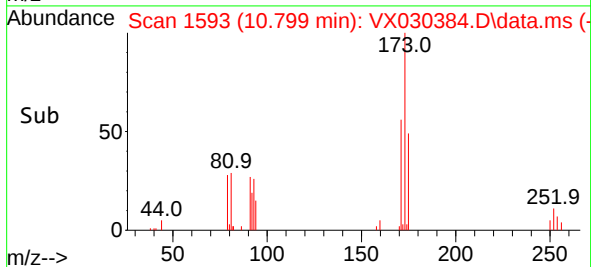
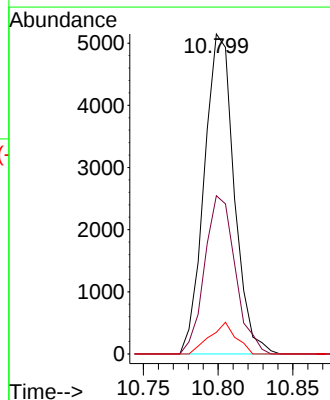
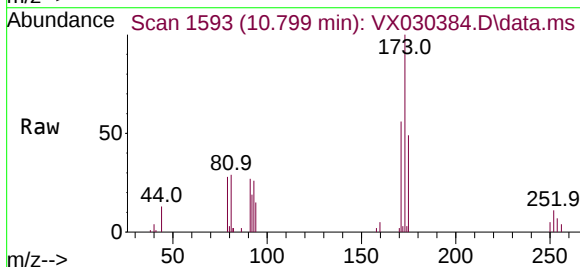
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTD005601

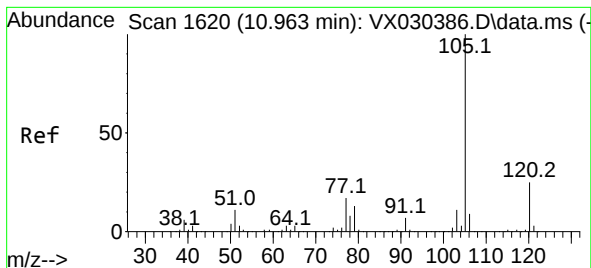
Tgt Ion: 83 Resp: 16292  
Ion Ratio Lower Upper  
83 100  
85 66.0 44.4 82.4  
131 9.2 7.5 11.3



#59  
Bromoform  
Concen: 4.744 ug/L  
RT: 10.799 min Scan# 1593  
Delta R.T. -0.006 min  
Lab File: VX030384.D  
Acq: 04 Aug 2022 10:44

Tgt Ion: 173 Resp: 7163  
Ion Ratio Lower Upper  
173 100  
175 50.6 38.9 58.3  
254 8.6 7.0 10.4





#60

Isopropylbenzene

Concen: 4.994 ug/L

RT: 10.963 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX030384.D

Acq: 04 Aug 2022 10:44

Instrument :

MSVOA\_X

ClientSampleId :

VSTD005601

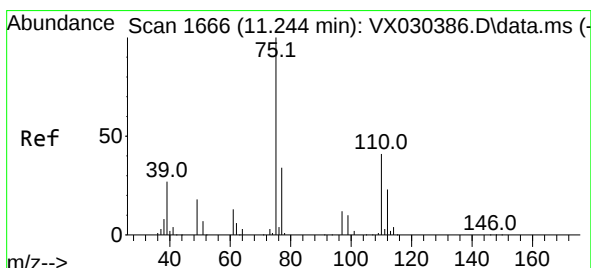
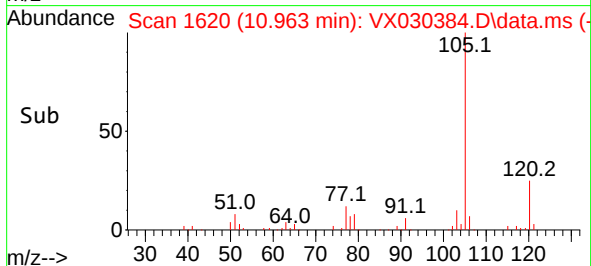
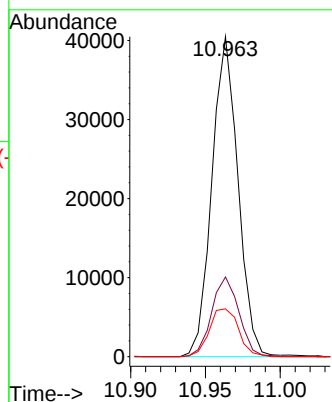
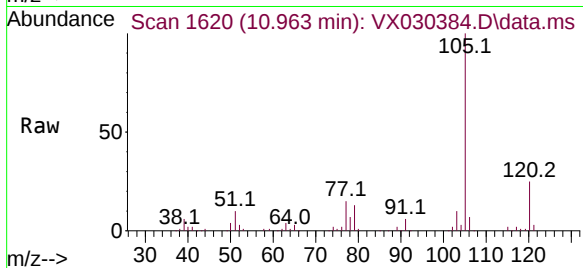
Tgt Ion:105 Resp: 49073

Ion Ratio Lower Upper

105 100

120 26.0 20.6 31.0

77 16.9 13.5 20.3



#61

1,2,3-Trichloropropane

Concen: 4.993 ug/L

RT: 11.238 min Scan# 1665

Delta R.T. -0.006 min

Lab File: VX030384.D

Acq: 04 Aug 2022 10:44

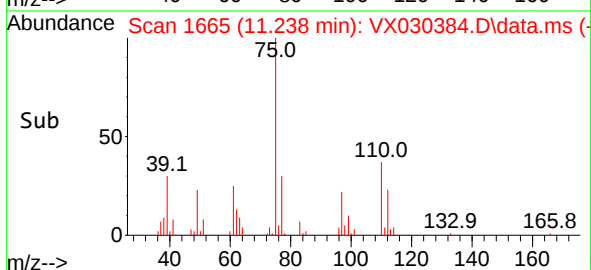
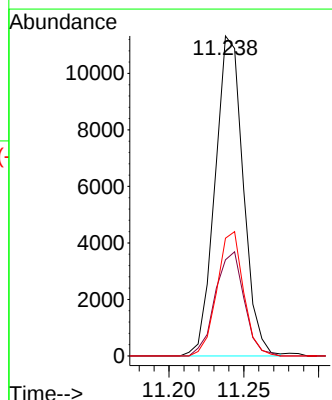
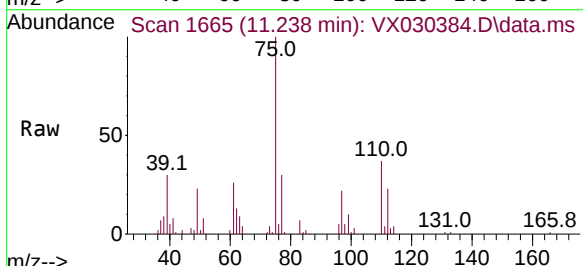
Tgt Ion: 75 Resp: 14866

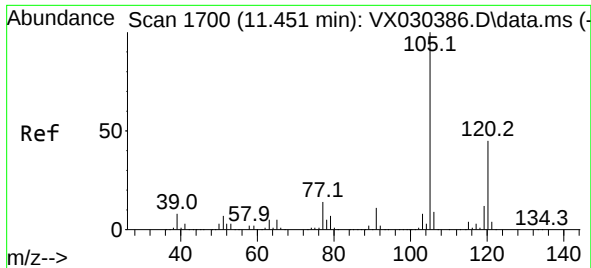
Ion Ratio Lower Upper

75 100

77 33.3 26.1 39.1

110 36.5 30.5 45.7

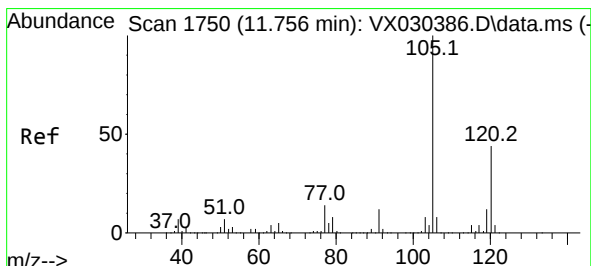
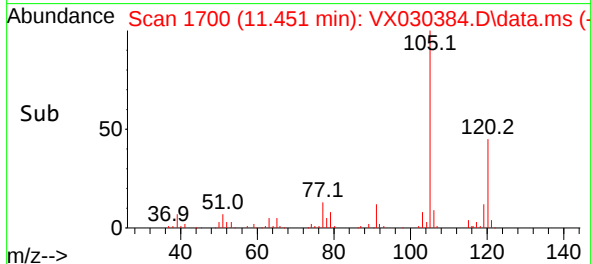
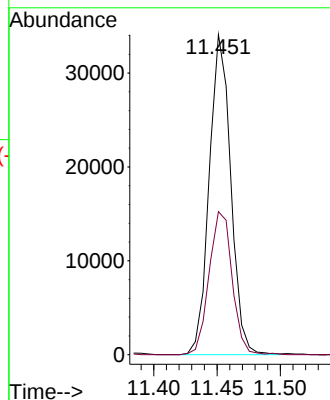
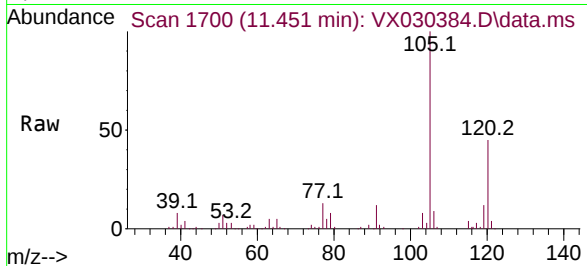




#62  
 1,3,5-Trimethylbenzene  
 Concen: 4.805 ug/L  
 RT: 11.451 min Scan# 1749  
 Delta R.T. -0.000 min  
 Lab File: VX030384.D  
 Acq: 04 Aug 2022 10:44

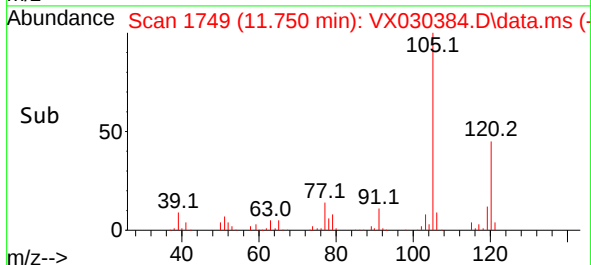
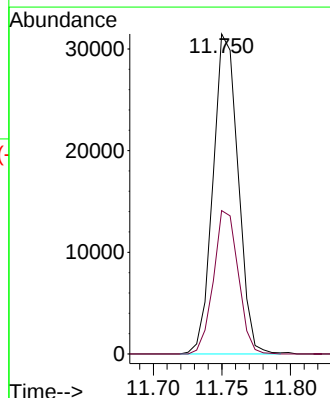
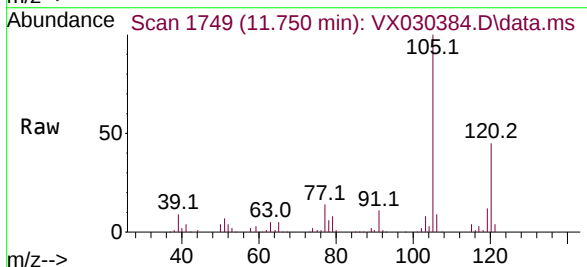
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTD005601

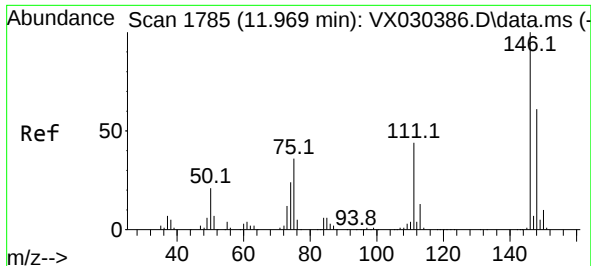
Tgt Ion:105 Resp: 40316  
 Ion Ratio Lower Upper  
 105 100  
 120 47.7 37.2 55.8



#63  
 1,2,4-Trimethylbenzene  
 Concen: 4.731 ug/L  
 RT: 11.750 min Scan# 1749  
 Delta R.T. -0.006 min  
 Lab File: VX030384.D  
 Acq: 04 Aug 2022 10:44

Tgt Ion:105 Resp: 40084  
 Ion Ratio Lower Upper  
 105 100  
 120 44.1 35.9 53.9

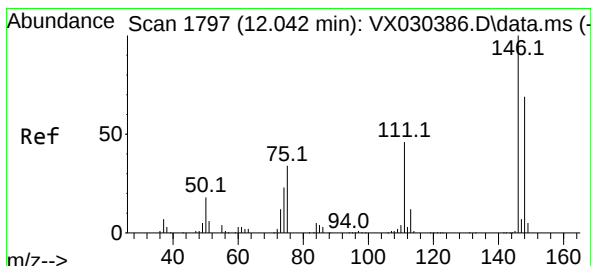
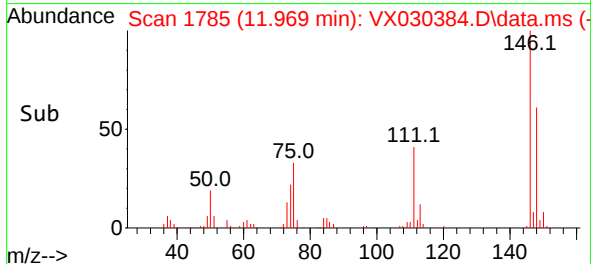
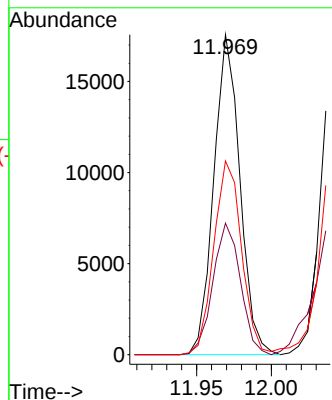
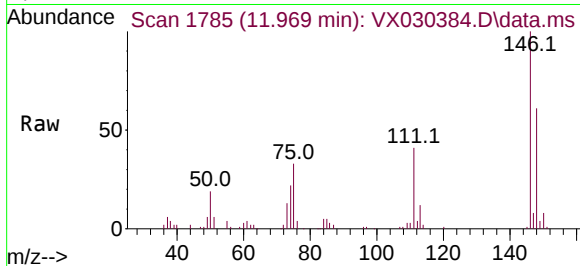




#64  
1,3-Dichlorobenzene  
Concen: 4.990 ug/L  
RT: 11.969 min Scan# 1785  
Delta R.T. -0.000 min  
Lab File: VX030384.D  
Acq: 04 Aug 2022 10:44

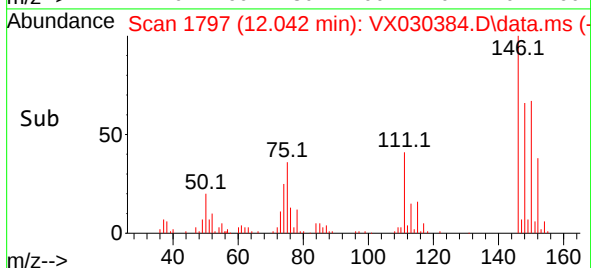
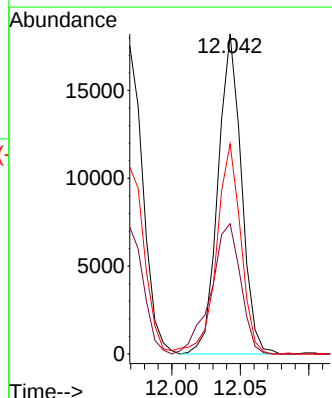
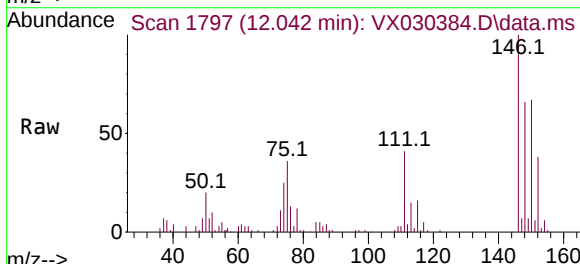
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTD005601

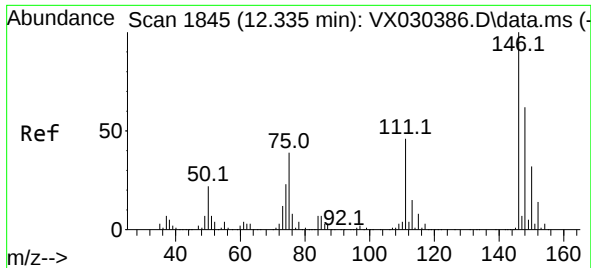
Tgt Ion:146 Resp: 21318  
Ion Ratio Lower Upper  
146 100  
111 41.1 30.9 57.5  
148 60.5 42.6 79.0



#65  
1,4-Dichlorobenzene  
Concen: 4.974 ug/L  
RT: 12.042 min Scan# 1797  
Delta R.T. -0.000 min  
Lab File: VX030384.D  
Acq: 04 Aug 2022 10:44

Tgt Ion:146 Resp: 21599  
Ion Ratio Lower Upper  
146 100  
111 40.7 32.6 60.6  
148 65.6 48.3 89.7





#67

1,2-Dichlorobenzene

Concen: 4.845 ug/L

RT: 12.335 min Scan# 1845

Delta R.T. -0.000 min

Lab File: VX030384.D

Acq: 04 Aug 2022 10:44

Instrument :

MSVOA\_X

ClientSampleId :

VSTD005601

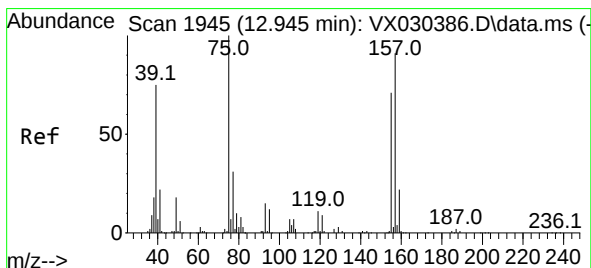
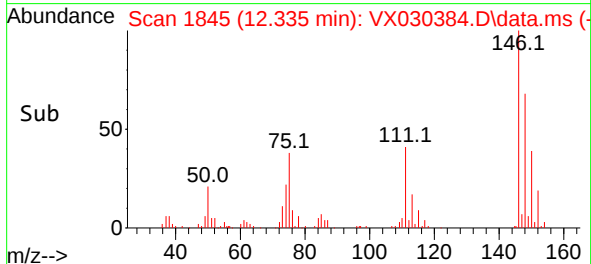
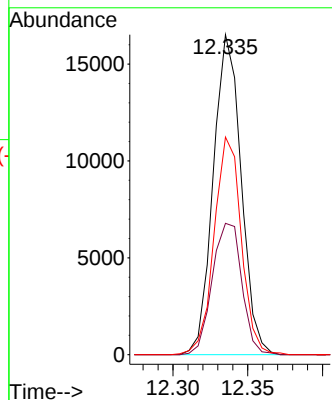
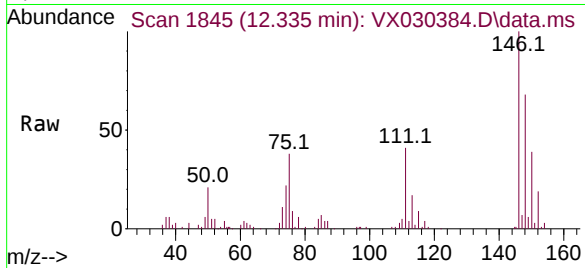
Tgt Ion:146 Resp: 21406

Ion Ratio Lower Upper

146 100

111 41.1 36.9 55.3

148 68.0 49.9 74.9



#68

1,2-Dibromo-3-chloropropane

Concen: 4.268 ug/L

RT: 12.951 min Scan# 1946

Delta R.T. 0.006 min

Lab File: VX030384.D

Acq: 04 Aug 2022 10:44

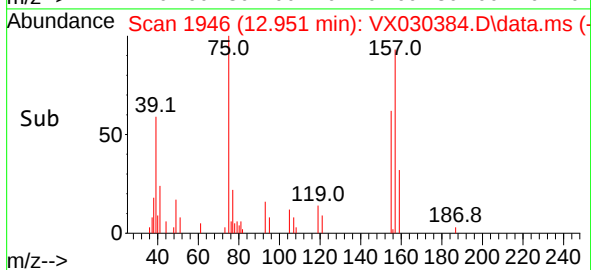
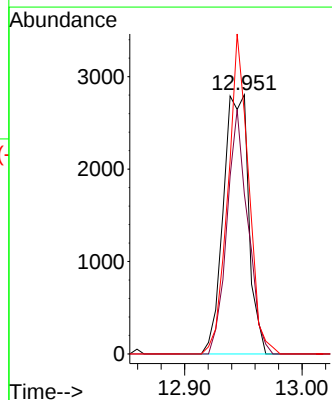
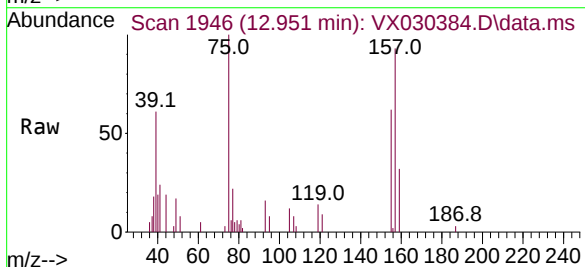
Tgt Ion: 75 Resp: 4192

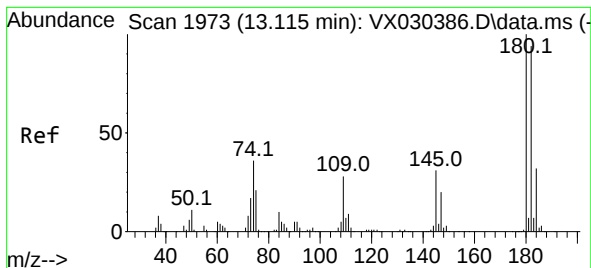
Ion Ratio Lower Upper

75 100

155 61.7 57.1 85.7

157 92.8 73.1 109.7





#69

1,3,5-Trichlorobenzene

Concen: 4.720 ug/L

RT: 13.115 min Scan# 1973

Delta R.T. -0.000 min

Lab File: VX030384.D

Acq: 04 Aug 2022 10:44

Instrument :

MSVOA\_X

ClientSampleId :

VSTD005601

Tgt Ion:180 Resp: 14140

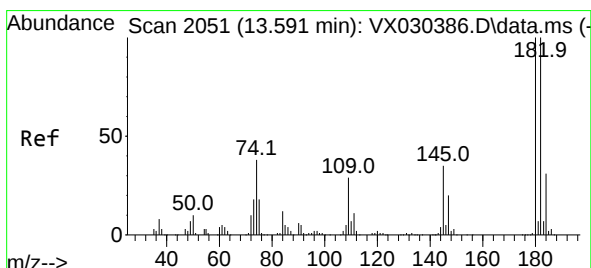
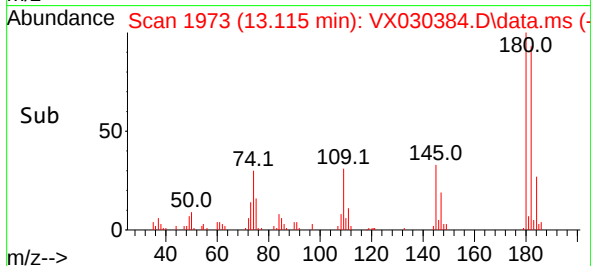
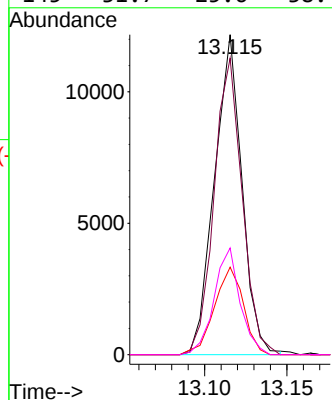
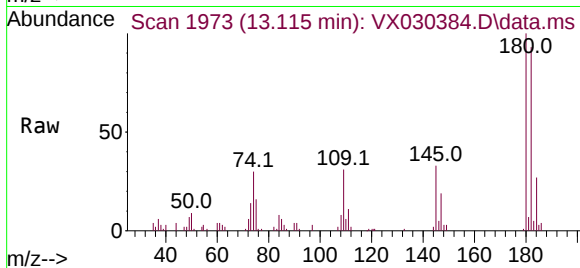
Ion Ratio Lower Upper

180 100

182 94.5 73.7 110.5

184 28.9 24.1 36.1

145 31.7 25.6 38.4



#70

1,2,4-trichlorobenzene

Concen: 4.645 ug/L

RT: 13.591 min Scan# 2051

Delta R.T. -0.000 min

Lab File: VX030384.D

Acq: 04 Aug 2022 10:44

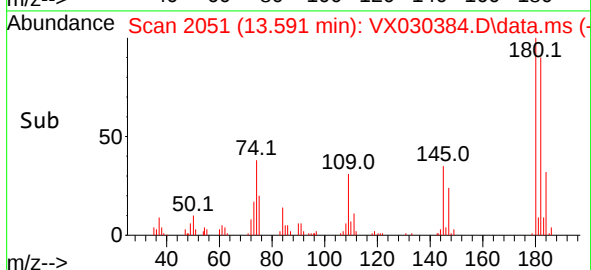
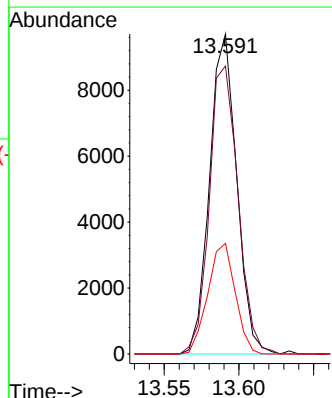
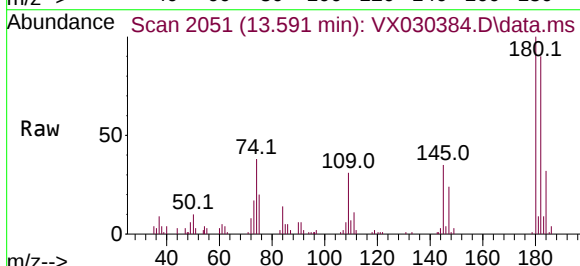
Tgt Ion:180 Resp: 12222

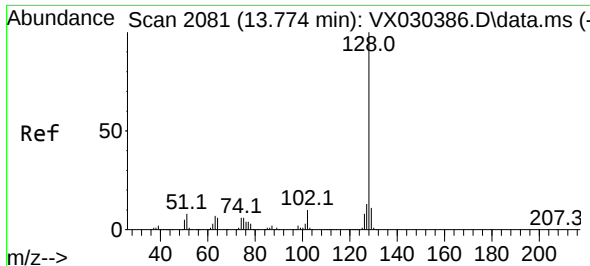
Ion Ratio Lower Upper

180 100

182 95.2 72.7 109.1

145 35.0 26.6 40.0

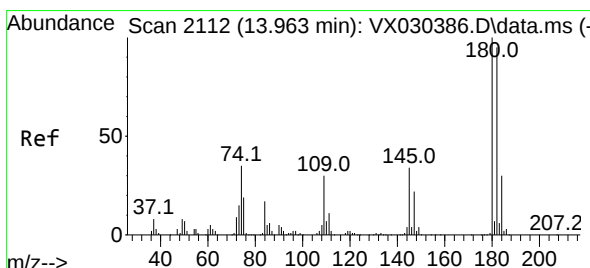
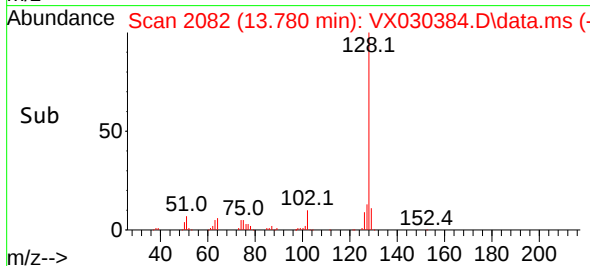
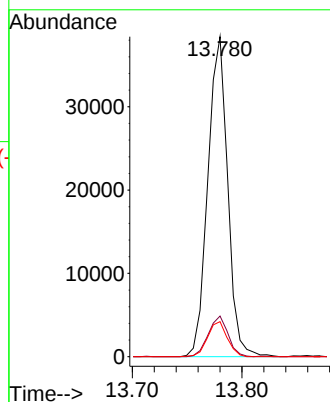
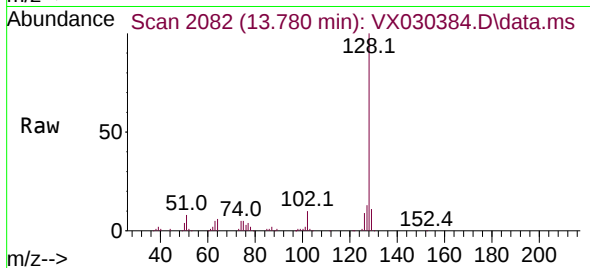




#71  
Naphthalene  
Concen: 4.435 ug/L  
RT: 13.780 min Scan# 2081  
Delta R.T. 0.006 min  
Lab File: VX030384.D  
Acq: 04 Aug 2022 10:44

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTD005601

Tgt Ion:128 Resp: 48306  
Ion Ratio Lower Upper  
128 100  
127 12.6 10.3 15.5  
129 10.9 8.8 13.2



#72  
1,2,3-Trichlorobenzene  
Concen: 4.608 ug/L  
RT: 13.963 min Scan# 2112  
Delta R.T. -0.000 min  
Lab File: VX030384.D  
Acq: 04 Aug 2022 10:44

Tgt Ion:180 Resp: 12808  
Ion Ratio Lower Upper  
180 100  
182 99.1 74.6 112.0  
145 36.4 28.4 42.6

