

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX112124\  
 Data File : VX043926.D  
 Acq On : 21 Nov 2024 10:14  
 Operator : JC/MD  
 Sample : VSTDICC005  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDICC005

Quant Time: Nov 22 03:28:43 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X112124W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Nov 22 03:25:42 2024  
 Response via : Initial Calibration

| Compound                     | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|------------------------------|--------|-------|----------|----------|--------|----------|
| -----                        |        |       |          |          |        |          |
| Internal Standards           |        |       |          |          |        |          |
| 1) Pentafluorobenzene        | 5.543  | 168   | 150793   | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene      | 6.757  | 114   | 264969   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5         | 10.055 | 117   | 223514   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 12.024 | 152   | 96662    | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds  |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4    | 5.952  | 65    | 13961    | 5.398    | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 74 - 125 | Recovery | =      | 10.800%# |
| 35) Dibromofluoromethane     | 5.379  | 113   | 9842     | 5.198    | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 75 - 124 | Recovery | =      | 10.400%# |
| 50) Toluene-d8               | 8.646  | 98    | 35173    | 5.389    | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 86 - 113 | Recovery | =      | 10.780%# |
| 62) 4-Bromofluorobenzene     | 11.079 | 95    | 10618    | 4.780    | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 77 - 121 | Recovery | =      | 9.560%#  |
| Target Compounds             |        |       |          |          |        |          |
|                              |        |       |          |          | Qvalue |          |
| 2) Dichlorodifluoromethane   | 1.166  | 85    | 9545     | 4.997    | ug/l   | 87       |
| 3) Chloromethane             | 1.294  | 50    | 9980     | 4.965    | ug/l   | 98       |
| 4) Vinyl Chloride            | 1.373  | 62    | 10682    | 4.996    | ug/l   | 100      |
| 5) Bromomethane              | 1.593  | 94    | 6415     | 4.877    | ug/l   | 90       |
| 6) Chloroethane              | 1.666  | 64    | 6474     | 4.969    | ug/l   | 99       |
| 7) Trichlorofluoromethane    | 1.867  | 101   | 19099    | 4.996    | ug/l   | 91       |
| 8) Diethyl Ether             | 2.129  | 74    | 6480     | 4.651    | ug/l   | 88       |
| 9) 1,1,2-Trichlorotrifluo... | 2.318  | 101   | 8824     | 4.839    | ug/l   | 98       |
| 10) Methyl Iodide            | 2.440  | 142   | 9897     | 4.346    | ug/l   | 98       |
| 11) Tert butyl alcohol       | 2.995  | 59    | 8556     | 20.610   | ug/l   | 98       |
| 12) 1,1-Dichloroethene       | 2.306  | 96    | 7987     | 4.597    | ug/l   | 87       |
| 13) Acrolein                 | 2.239  | 56    | 11940    | 27.287   | ug/l   | 97       |
| 14) Allyl chloride           | 2.654  | 41    | 12874    | 4.534    | ug/l   | 96       |
| 15) Acrylonitrile            | 3.062  | 53    | 24290    | 24.010   | ug/l   | 99       |
| 16) Acetone                  | 2.385  | 43    | 29886    | 25.159   | ug/l   | 95       |
| 17) Carbon Disulfide         | 2.495  | 76    | 14415    | 4.022    | ug/l # | 94       |
| 18) Methyl Acetate           | 2.702  | 43    | 13127    | 4.745    | ug/l   | 97       |
| 19) Methyl tert-butyl Ether  | 3.117  | 73    | 30022    | 4.759    | ug/l # | 88       |
| 20) Methylene Chloride       | 2.782  | 84    | 9895     | 4.909    | ug/l   | 95       |
| 21) trans-1,2-Dichloroethene | 3.080  | 96    | 8486     | 4.730    | ug/l # | 80       |
| 22) Diisopropyl ether        | 3.757  | 45    | 29102    | 4.794    | ug/l # | 65       |
| 23) Vinyl Acetate            | 3.721  | 43    | 116242   | 22.382   | ug/l   | 100      |
| 24) 1,1-Dichloroethane       | 3.599  | 63    | 16857    | 4.813    | ug/l   | 98       |
| 25) 2-Butanone               | 4.568  | 43    | 36680    | 23.931   | ug/l   | 96       |
| 26) 2,2-Dichloropropane      | 4.458  | 77    | 15040    | 4.755    | ug/l # | 76       |
| 27) cis-1,2-Dichloroethene   | 4.477  | 96    | 10153    | 4.579    | ug/l   | 96       |
| 28) Bromochloromethane       | 4.891  | 49    | 9210     | 5.974    | ug/l   | 100      |
| 29) Tetrahydrofuran          | 5.007  | 42    | 23518    | 25.028   | ug/l   | 96       |
| 30) Chloroform               | 5.086  | 83    | 18661    | 4.954    | ug/l   | 97       |
| 31) Cyclohexane              | 5.458  | 56    | 13740    | 4.767    | ug/l # | 85       |
| 32) 1,1,1-Trichloroethane    | 5.379  | 97    | 15162    | 4.667    | ug/l   | 96       |
| 36) 1,1-Dichloropropene      | 5.690  | 75    | 11406    | 4.834    | ug/l   | 97       |
| 37) Ethyl Acetate            | 4.720  | 43    | 12177    | 4.158    | ug/l # | 94       |
| 38) Carbon Tetrachloride     | 5.665  | 117   | 12348    | 4.658    | ug/l   | 97       |
| 39) Methylcyclohexane        | 7.372  | 83    | 14721    | 4.803    | ug/l   | 95       |
| 40) Benzene                  | 6.031  | 78    | 36283    | 4.937    | ug/l   | 94       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX112124\  
 Data File : VX043926.D  
 Acq On : 21 Nov 2024 10:14  
 Operator : JC/MD  
 Sample : VSTDICC005  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDICC005

Quant Time: Nov 22 03:28:43 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X112124W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Nov 22 03:25:42 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| 41) Methacrylonitrile         | 4.928  | 41   | 7355     | 4.907  | ug/l # | 95       |
| 42) 1,2-Dichloroethane        | 6.080  | 62   | 14467    | 4.901  | ug/l   | 99       |
| 43) Isopropyl Acetate         | 6.348  | 43   | 22267    | 4.777  | ug/l   | 99       |
| 44) Trichloroethene           | 7.128  | 130  | 9852     | 4.736  | ug/l   | 92       |
| 45) 1,2-Dichloropropane       | 7.427  | 63   | 8525     | 4.736  | ug/l   | 91       |
| 46) Dibromomethane            | 7.586  | 93   | 6372     | 4.475  | ug/l   | 93       |
| 47) Bromodichloromethane      | 7.823  | 83   | 11249    | 4.405  | ug/l   | 96       |
| 48) Methyl methacrylate       | 7.695  | 41   | 10190    | 4.556  | ug/l   | 95       |
| 49) 1,4-Dioxane               | 7.677  | 88   | 3056     | 79.255 | ug/l # | 70       |
| 51) 4-Methyl-2-Pentanone      | 8.573  | 43   | 69843    | 24.556 | ug/l   | 97       |
| 52) Toluene                   | 8.714  | 92   | 22218    | 5.051  | ug/l   | 96       |
| 53) t-1,3-Dichloropropene     | 8.982  | 75   | 10937    | 4.200  | ug/l   | 94       |
| 54) cis-1,3-Dichloropropene   | 8.366  | 75   | 12253    | 4.292  | ug/l   | 94       |
| 55) 1,1,2-Trichloroethane     | 9.152  | 97   | 9000     | 4.957  | ug/l   | 94       |
| 56) Ethyl methacrylate        | 9.116  | 69   | 12381    | 4.378  | ug/l   | 96       |
| 57) 1,3-Dichloropropane       | 9.311  | 76   | 15211    | 4.973  | ug/l   | 98       |
| 58) 2-Chloroethyl Vinyl ether | 8.238  | 63   | 43351    | 27.673 | ug/l   | 100      |
| 59) 2-Hexanone                | 9.433  | 43   | 52072    | 24.357 | ug/l   | 100      |
| 60) Dibromochloromethane      | 9.518  | 129  | 7738     | 4.247  | ug/l   | 99       |
| 61) 1,2-Dibromoethane         | 9.610  | 107  | 8985     | 4.894  | ug/l   | 98       |
| 64) Tetrachloroethene         | 9.274  | 164  | 7642     | 5.185  | ug/l   | 93       |
| 65) Chlorobenzene             | 10.079 | 112  | 24792    | 5.050  | ug/l   | 98       |
| 66) 1,1,1,2-Tetrachloroethane | 10.158 | 131  | 7421     | 4.661  | ug/l   | 96       |
| 67) Ethyl Benzene             | 10.195 | 91   | 40927    | 4.920  | ug/l   | 95       |
| 68) m/p-Xylenes               | 10.305 | 106  | 29635    | 9.553  | ug/l   | 99       |
| 69) o-Xylene                  | 10.640 | 106  | 14856    | 4.905  | ug/l   | 98       |
| 70) Styrene                   | 10.658 | 104  | 22907    | 4.573  | ug/l   | 97       |
| 71) Bromoform                 | 10.799 | 173  | 4476     | 5.004  | ug/l # | 99       |
| 73) Isopropylbenzene          | 10.957 | 105  | 37958    | 5.109  | ug/l   | 99       |
| 74) N-amyl acetate            | 10.841 | 43   | 15928    | 4.627  | ug/l   | 97       |
| 75) 1,1,2,2-Tetrachloroethane | 11.213 | 83   | 13107    | 5.152  | ug/l   | 100      |
| 76) 1,2,3-Trichloropropane    | 11.237 | 75   | 14721    | 7.062  | ug/l   | 80       |
| 77) Bromobenzene              | 11.195 | 156  | 9259     | 5.224  | ug/l   | 97       |
| 78) n-propylbenzene           | 11.305 | 91   | 39774    | 4.793  | ug/l   | 98       |
| 79) 2-Chlorotoluene           | 11.366 | 91   | 26740    | 5.096  | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene    | 11.451 | 105  | 30114    | 4.926  | ug/l   | 97       |
| 81) trans-1,4-Dichloro-2-b... | 11.018 | 75   | 2880     | 3.707  | ug/l # | 77       |
| 82) 4-Chlorotoluene           | 11.451 | 91   | 29049    | 4.903  | ug/l   | 96       |
| 83) tert-Butylbenzene         | 11.713 | 119  | 29934    | 4.940  | ug/l   | 97       |
| 84) 1,2,4-Trimethylbenzene    | 11.750 | 105  | 30674    | 5.040  | ug/l   | 97       |
| 85) sec-Butylbenzene          | 11.890 | 105  | 37899    | 5.105  | ug/l   | 96       |
| 86) p-Isopropyltoluene        | 12.006 | 119  | 29412    | 4.878  | ug/l   | 98       |
| 87) 1,3-Dichlorobenzene       | 11.969 | 146  | 16008    | 4.959  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 12.036 | 146  | 15837    | 4.831  | ug/l   | 89       |
| 89) n-Butylbenzene            | 12.335 | 91   | 24938    | 4.691  | ug/l   | 99       |
| 90) Hexachloroethane          | 12.536 | 117  | 4279     | 4.173  | ug/l   | 99       |
| 91) 1,2-Dichlorobenzene       | 12.335 | 146  | 16747    | 5.140  | ug/l   | 98       |
| 92) 1,2-Dibromo-3-Chloropr... | 12.945 | 75   | 2454     | 4.814  | ug/l   | 85       |
| 93) 1,2,4-Trichlorobenzene    | 13.591 | 180  | 8746     | 4.553  | ug/l   | 98       |
| 94) Hexachlorobutadiene       | 13.725 | 225  | 3713     | 4.891  | ug/l   | 97       |
| 95) Naphthalene               | 13.774 | 128  | 32485    | 4.698  | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 13.963 | 180  | 9280     | 4.773  | ug/l   | 96       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX112124\  
Data File : VX043926.D  
Acq On : 21 Nov 2024 10:14  
Operator : JC/MD  
Sample : VSTDICC005  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICC005

Quant Time: Nov 22 03:28:43 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X112124W.M  
Quant Title : SW846 8260  
QLast Update : Fri Nov 22 03:25:42 2024  
Response via : Initial Calibration

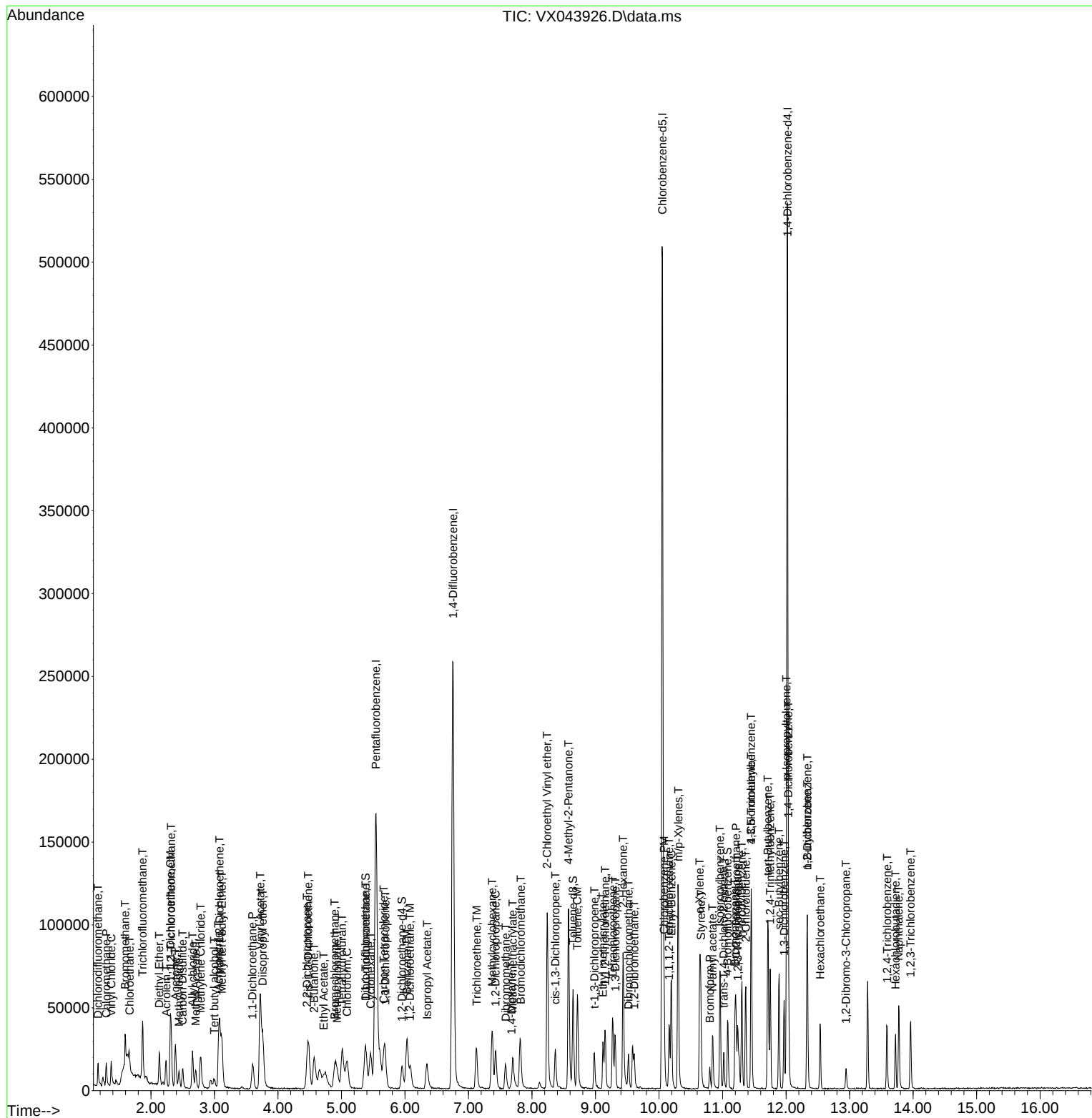
| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------|------|------|----------|------|-------|----------|
|----------|------|------|----------|------|-------|----------|

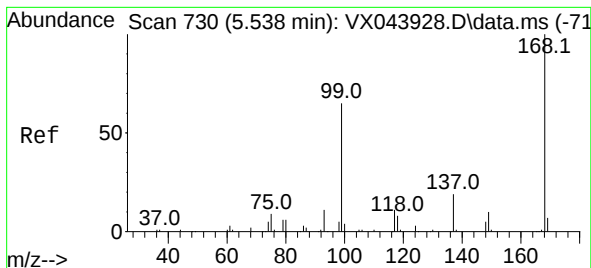
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Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX112124\  
Data File : VX043926.D  
Acq On : 21 Nov 2024 10:14  
Operator : JC/MD  
Sample : VSTDIC005  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC005

Quant Time: Nov 22 03:28:43 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X112124W.M  
Quant Title : SW846 8260  
QLast Update : Fri Nov 22 03:25:42 2024  
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.543 min Scan# 71

Delta R.T. 0.005 min

Lab File: VX043926.D

Acq: 21 Nov 2024 10:14

Instrument :

MSVOA\_X

ClientSampleId :

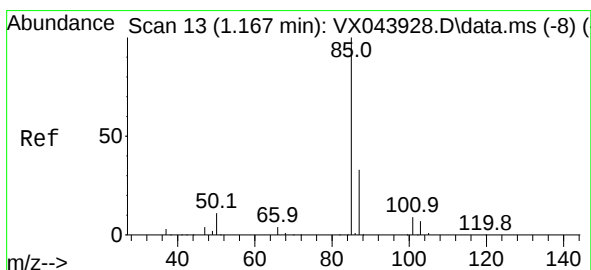
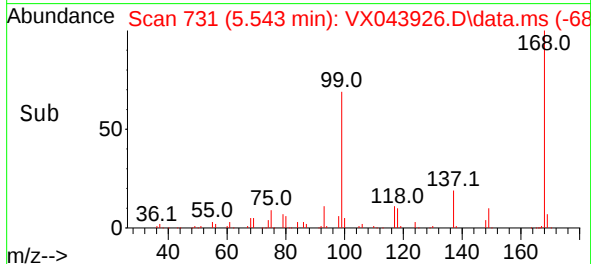
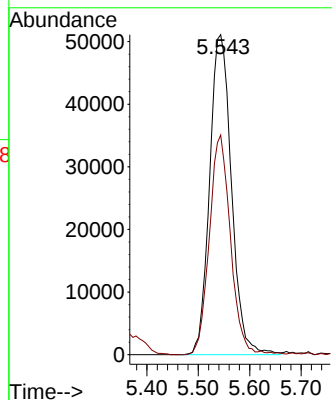
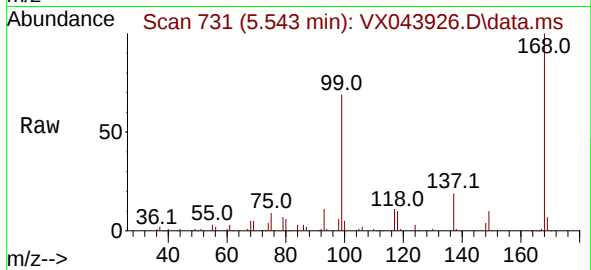
VSTDIC005

Tgt Ion:168 Resp: 150793

Ion Ratio Lower Upper

168 100

99 68.6 51.8 77.8



#2

Dichlorodifluoromethane

Concen: 4.997 ug/l

RT: 1.166 min Scan# 13

Delta R.T. -0.000 min

Lab File: VX043926.D

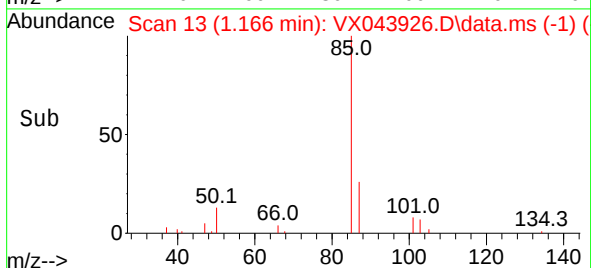
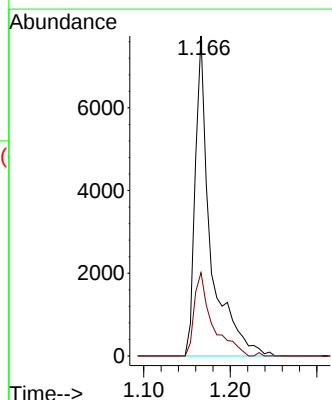
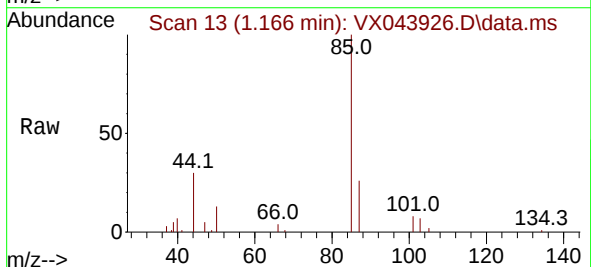
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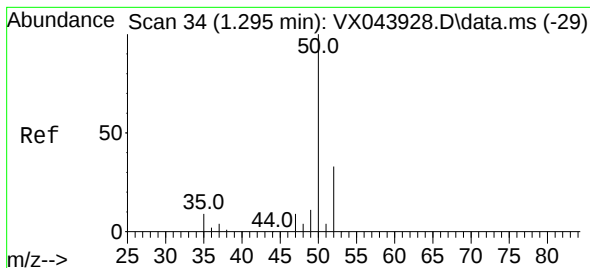
Tgt Ion: 85 Resp: 9545

Ion Ratio Lower Upper

85 100

87 26.0 16.6 49.8





#3

Chloromethane

Concen: 4.965 ug/l

RT: 1.294 min Scan# 34

Delta R.T. -0.000 min

Lab File: VX043926.D

Acq: 21 Nov 2024 10:14

Instrument :

MSVOA\_X

ClientSampleId :

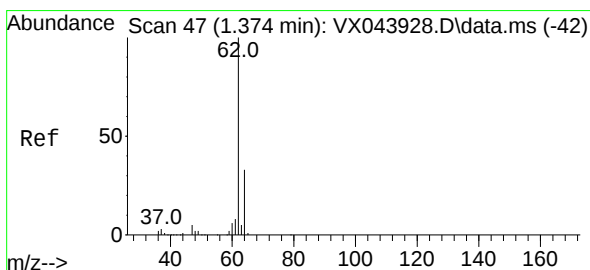
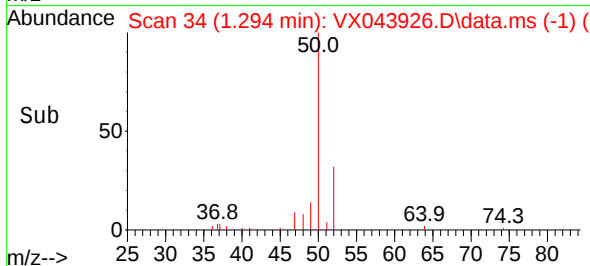
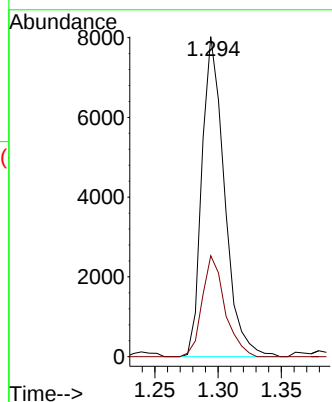
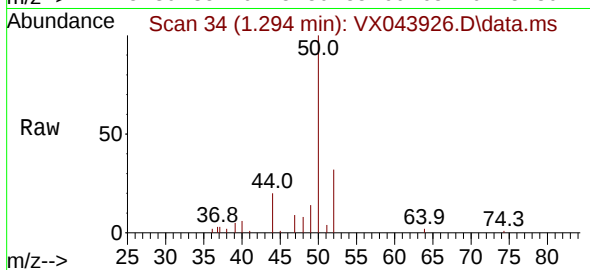
VSTDIC005

Tgt Ion: 50 Resp: 9980

Ion Ratio Lower Upper

50 100

52 31.5 26.1 39.1



#4

Vinyl Chloride

Concen: 4.996 ug/l

RT: 1.373 min Scan# 47

Delta R.T. -0.000 min

Lab File: VX043926.D

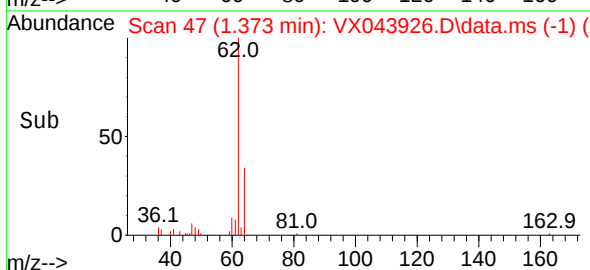
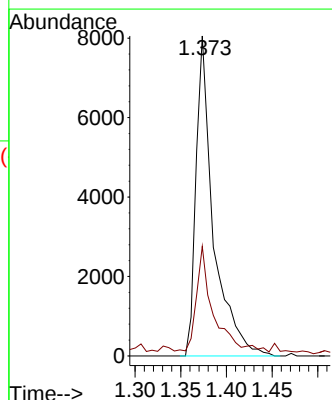
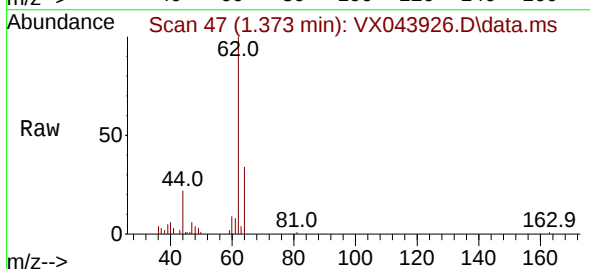
Acq: 21 Nov 2024 10:14

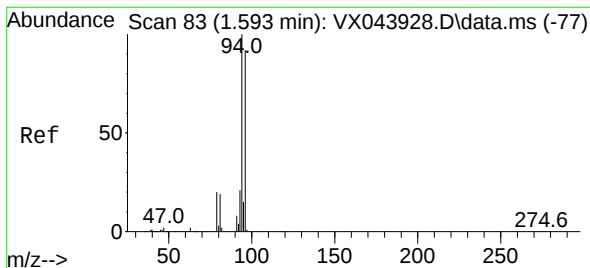
Tgt Ion: 62 Resp: 10682

Ion Ratio Lower Upper

62 100

64 32.8 26.2 39.4





#5

Bromomethane

Concen: 4.877 ug/l

RT: 1.593 min Scan# 84

Delta R.T. -0.000 min

Lab File: VX043926.D

Acq: 21 Nov 2024 10:14

Instrument :

MSVOA\_X

ClientSampleId :

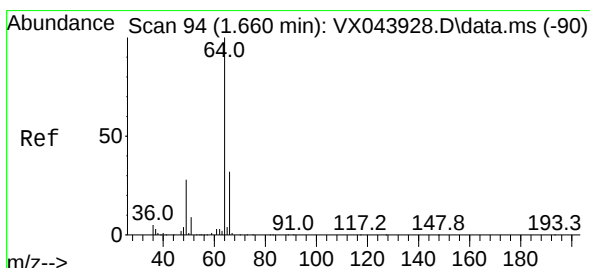
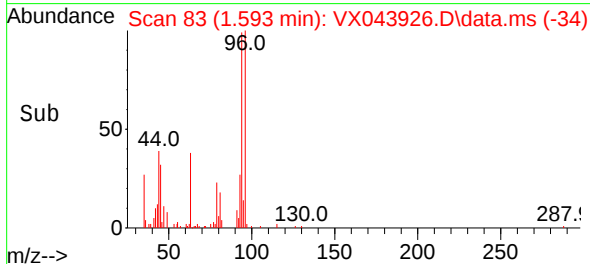
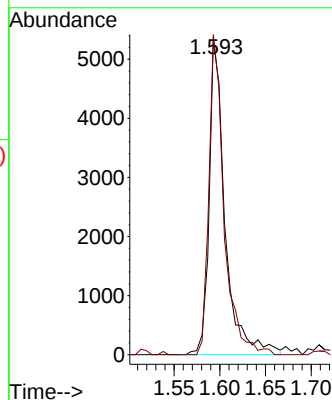
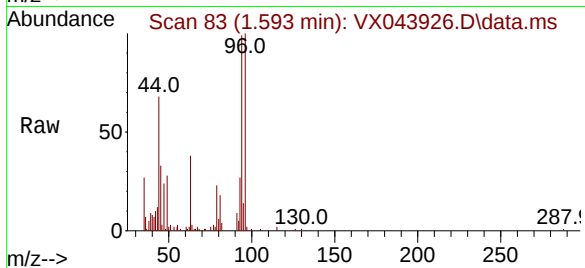
VSTDICC005

Tgt Ion: 94 Resp: 6415

Ion Ratio Lower Upper

94 100

96 101.5 73.9 110.9



#6

Chloroethane

Concen: 4.969 ug/l

RT: 1.666 min Scan# 95

Delta R.T. 0.006 min

Lab File: VX043926.D

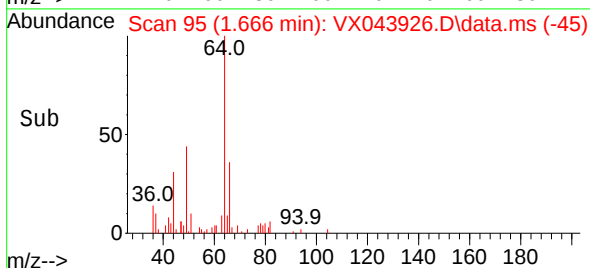
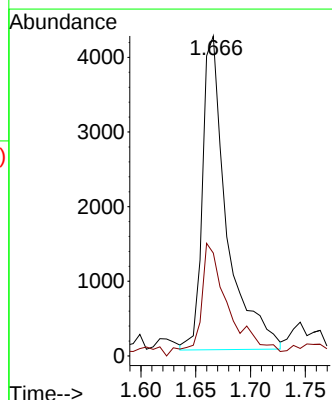
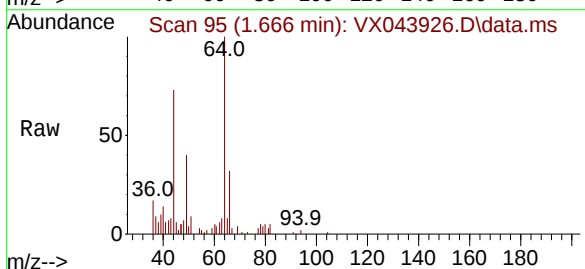
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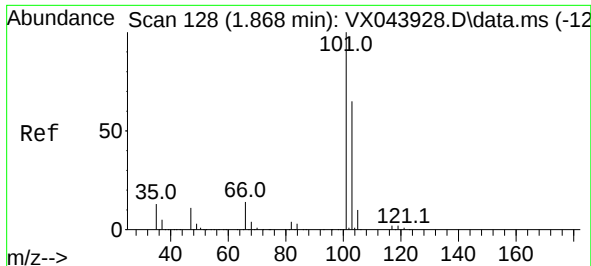
Tgt Ion: 64 Resp: 6474

Ion Ratio Lower Upper

64 100

66 31.8 25.9 38.9

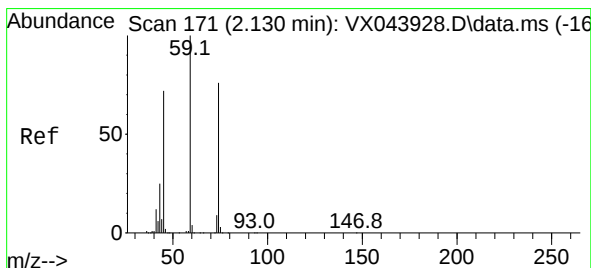
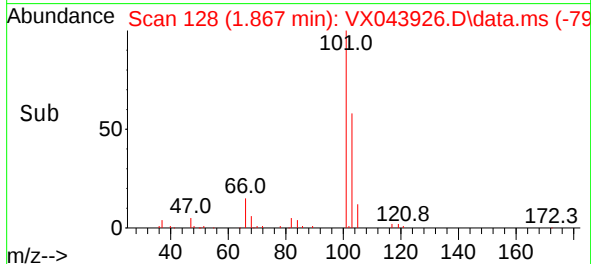
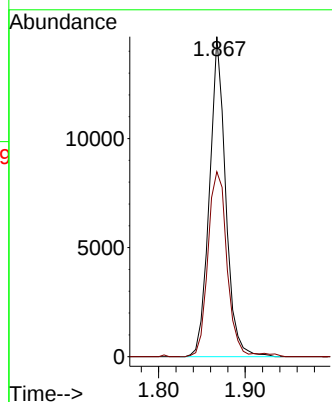
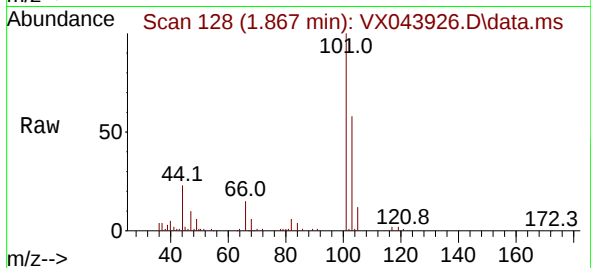




#7  
 Trichlorofluoromethane  
 Concen: 4.996 ug/l  
 RT: 1.867 min Scan# 171  
 Delta R.T. -0.000 min  
 Lab File: VX043926.D  
 Acq: 21 Nov 2024 10:14

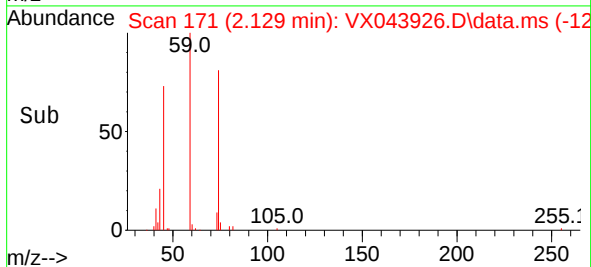
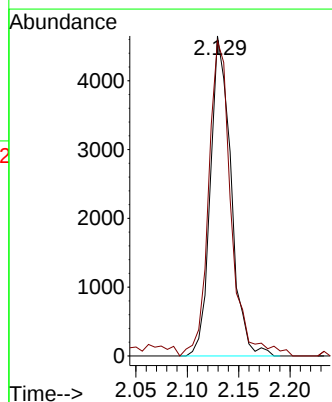
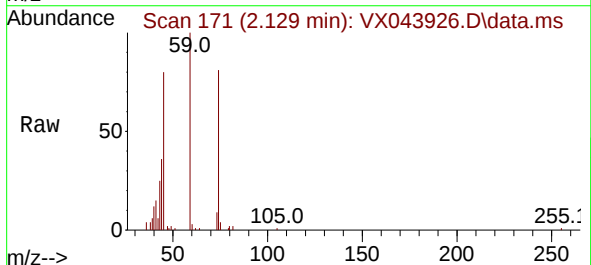
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDIC005

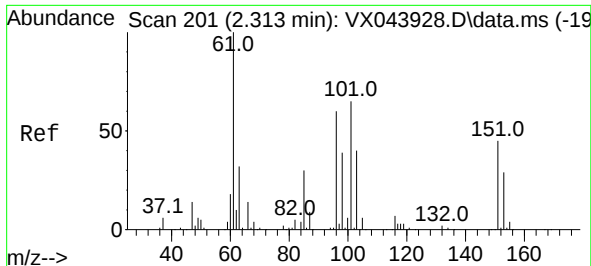
Tgt Ion:101 Resp: 19099  
 Ion Ratio Lower Upper  
 101 100  
 103 57.8 52.2 78.2



#8  
 Diethyl Ether  
 Concen: 4.651 ug/l  
 RT: 2.129 min Scan# 171  
 Delta R.T. -0.000 min  
 Lab File: VX043926.D  
 Acq: 21 Nov 2024 10:14

Tgt Ion: 74 Resp: 6480  
 Ion Ratio Lower Upper  
 74 100  
 45 106.9 47.9 143.6



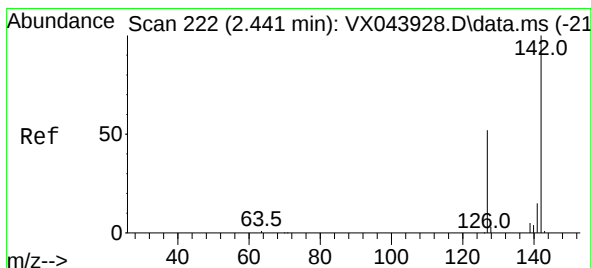
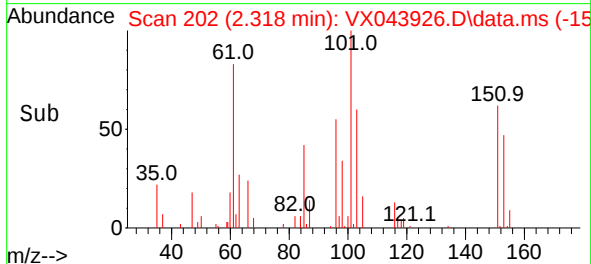
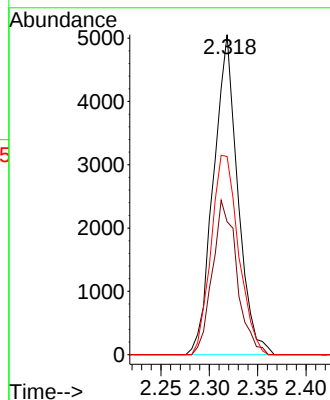
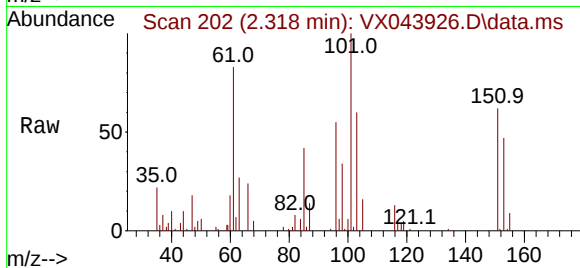


#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 4.839 ug/l  
RT: 2.318 min Scan# 201  
Delta R.T. 0.006 min  
Lab File: VX043926.D  
Acq: 21 Nov 2024 10:14

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC005

Tgt Ion:101 Resp: 8824

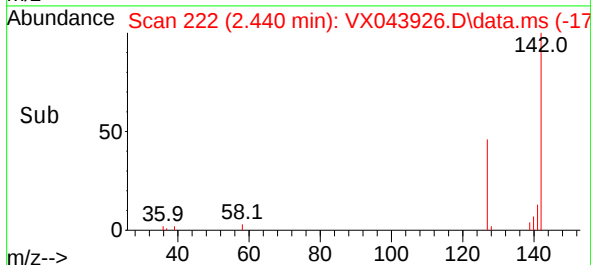
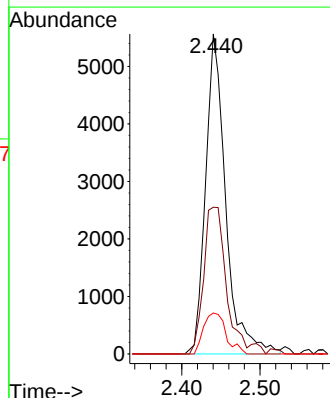
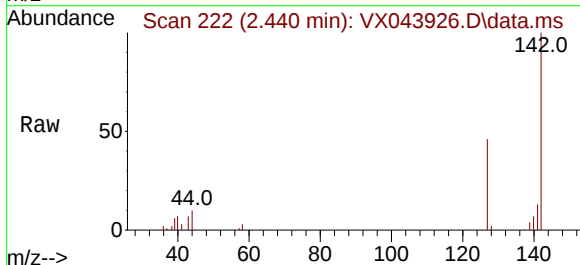
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 101 | 100   |       |       |
| 85  | 48.4  | 37.9  | 56.9  |
| 151 | 70.3  | 57.5  | 86.3  |

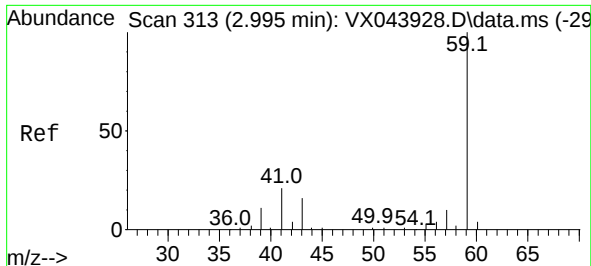


#10  
Methyl Iodide  
Concen: 4.346 ug/l  
RT: 2.440 min Scan# 222  
Delta R.T. -0.000 min  
Lab File: VX043926.D  
Acq: 21 Nov 2024 10:14

Tgt Ion:142 Resp: 9897

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 142 | 100   |       |       |
| 127 | 52.4  | 40.7  | 61.1  |
| 141 | 14.4  | 12.0  | 18.0  |





#11

Tert butyl alcohol

Concen: 20.610 ug/l

RT: 2.995 min Scan# 313

Delta R.T. -0.000 min

Lab File: VX043926.D

Acq: 21 Nov 2024 10:14

Instrument :

MSVOA\_X

ClientSampleId :

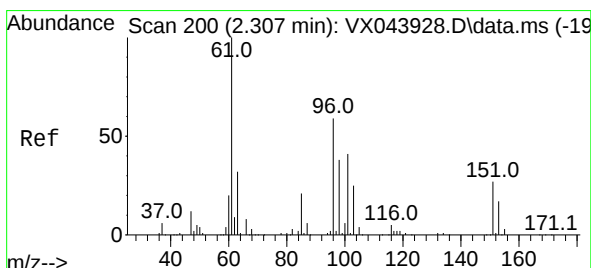
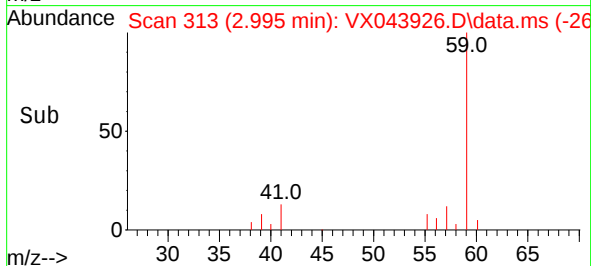
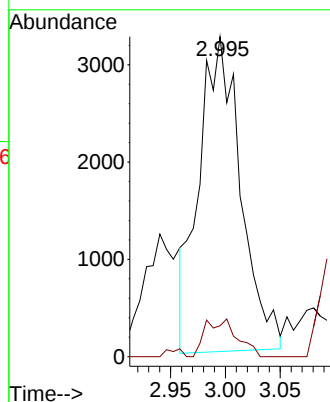
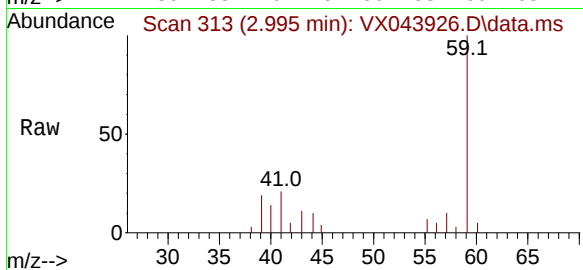
VSTDICC005

Tgt Ion: 59 Resp: 8556

Ion Ratio Lower Upper

59 100

57 9.1 7.9 11.9



#12

1,1-Dichloroethene

Concen: 4.597 ug/l

RT: 2.306 min Scan# 200

Delta R.T. -0.000 min

Lab File: VX043926.D

Acq: 21 Nov 2024 10:14

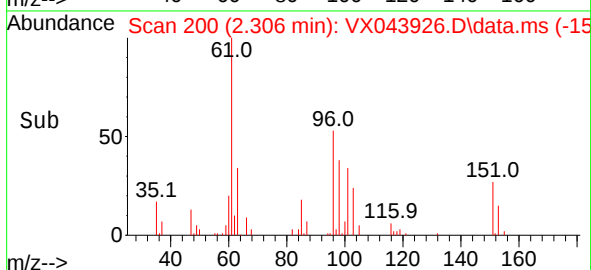
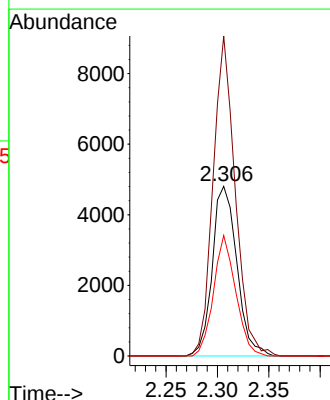
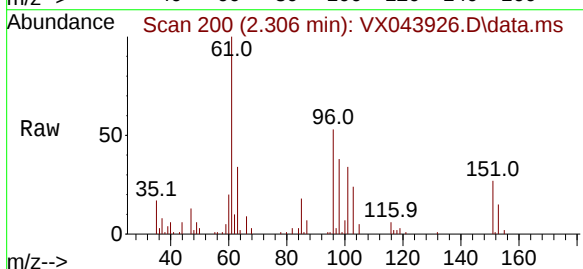
Tgt Ion: 96 Resp: 7987

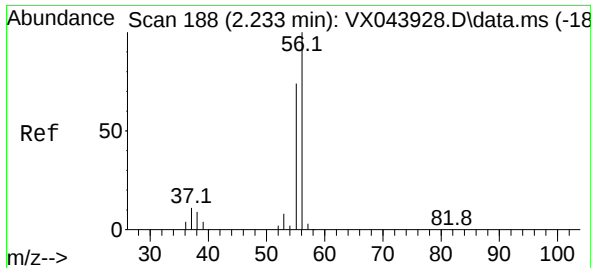
Ion Ratio Lower Upper

96 100

61 188.7 135.5 203.3

98 71.1 50.8 76.2





#13

Acrolein

Concen: 27.287 ug/l

RT: 2.239 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX043926.D

Acq: 21 Nov 2024 10:14

Instrument :

MSVOA\_X

ClientSampleId :

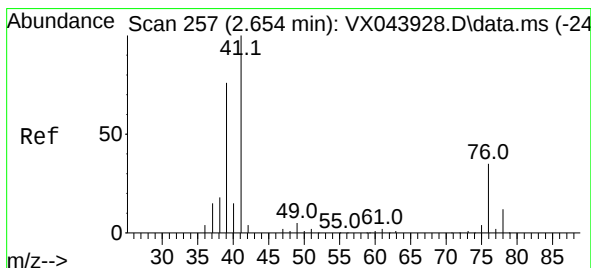
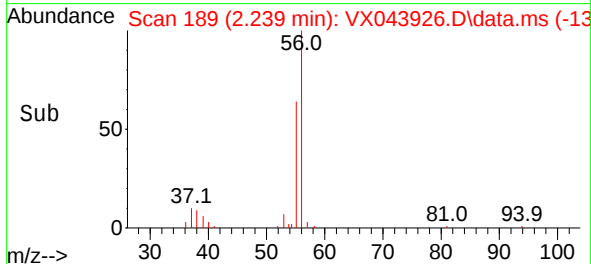
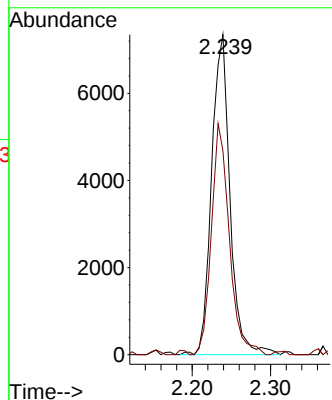
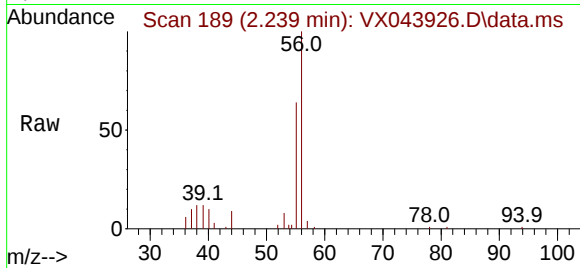
VSTDIC005

Tgt Ion: 56 Resp: 11940

Ion Ratio Lower Upper

56 100

55 70.5 58.2 87.2



#14

Allyl chloride

Concen: 4.534 ug/l

RT: 2.654 min Scan# 257

Delta R.T. -0.000 min

Lab File: VX043926.D

Acq: 21 Nov 2024 10:14

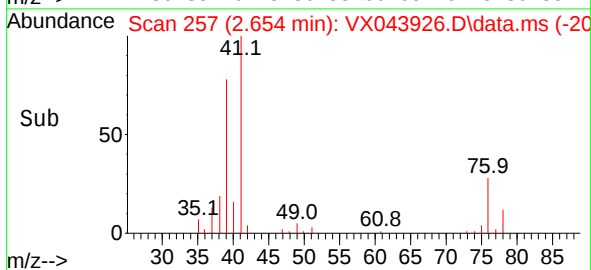
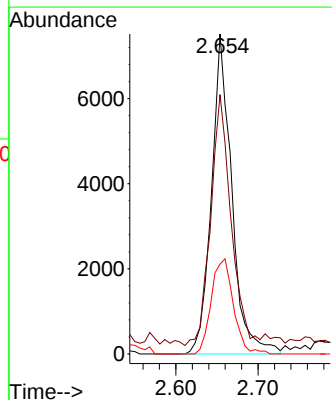
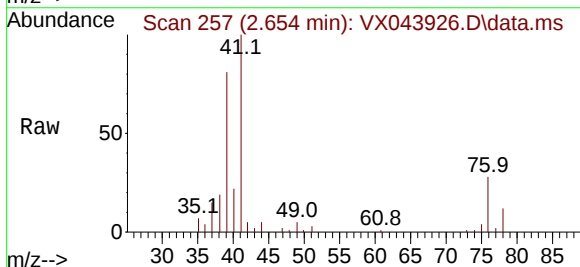
Tgt Ion: 41 Resp: 12874

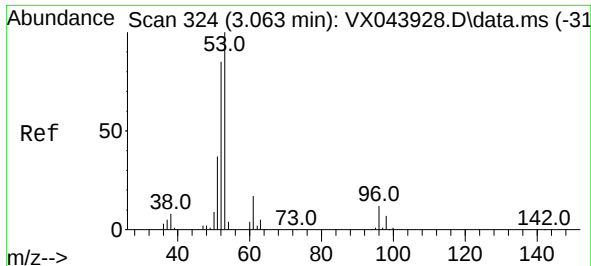
Ion Ratio Lower Upper

41 100

39 78.5 59.5 89.3

76 32.4 27.4 41.2

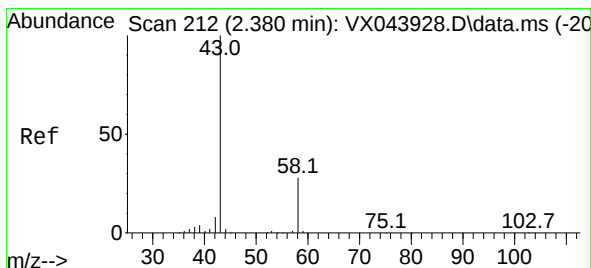
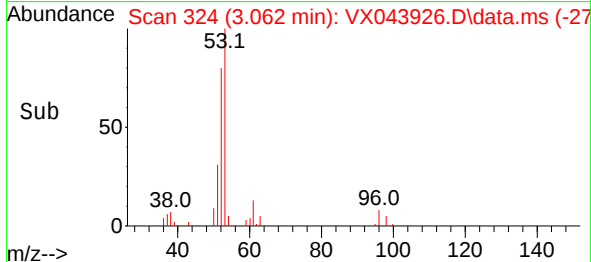
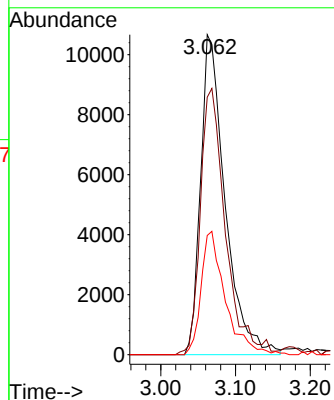
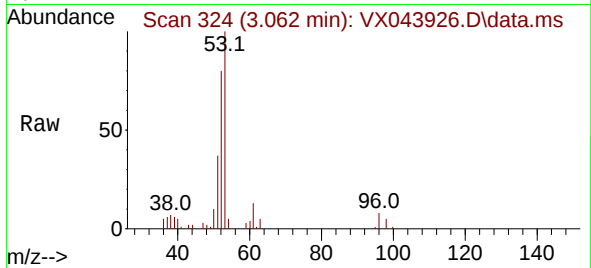




#15  
Acrylonitrile  
Concen: 24.010 ug/l  
RT: 3.062 min Scan# 31  
Delta R.T. -0.000 min  
Lab File: VX043926.D  
Acq: 21 Nov 2024 10:14

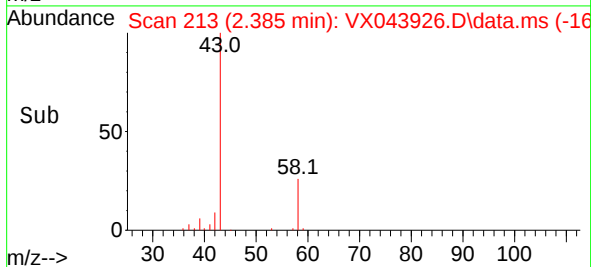
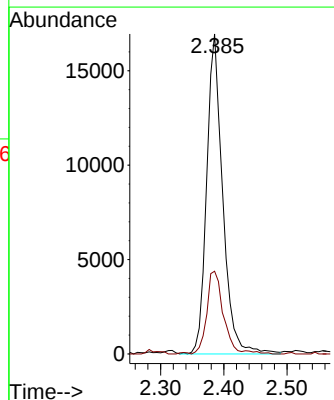
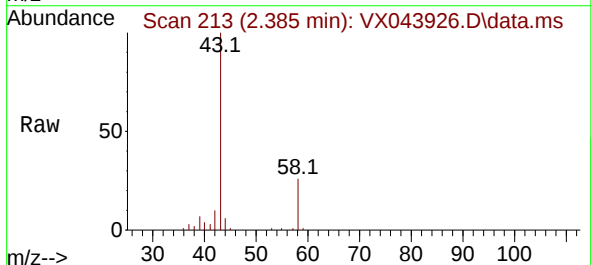
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC005

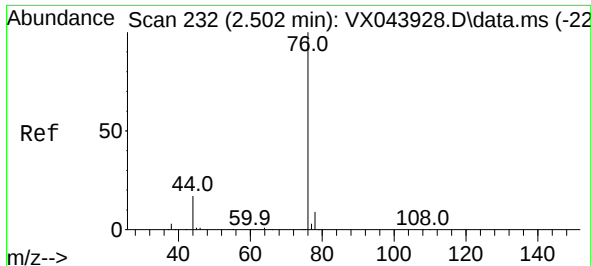
Tgt Ion: 53 Resp: 24290  
Ion Ratio Lower Upper  
53 100  
52 84.7 66.5 99.7  
51 38.0 30.2 45.4



#16  
Acetone  
Concen: 25.159 ug/l  
RT: 2.385 min Scan# 213  
Delta R.T. 0.006 min  
Lab File: VX043926.D  
Acq: 21 Nov 2024 10:14

Tgt Ion: 43 Resp: 29886  
Ion Ratio Lower Upper  
43 100  
58 25.9 22.7 34.1





#17

Carbon Disulfide

Concen: 4.022 ug/l

RT: 2.495 min Scan# 231

Delta R.T. -0.007 min

Lab File: VX043926.D

Acq: 21 Nov 2024 10:14

Instrument :

MSVOA\_X

ClientSampleId :

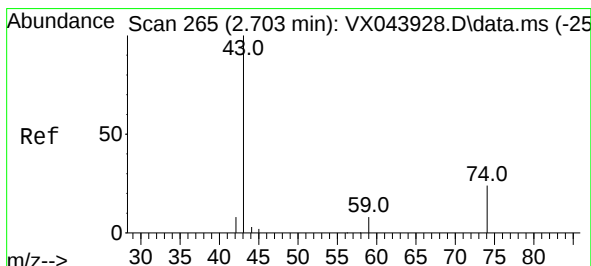
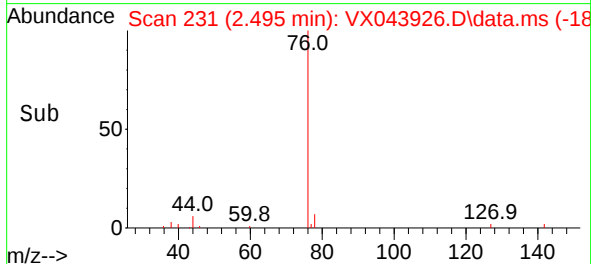
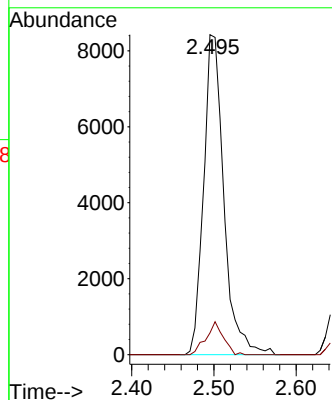
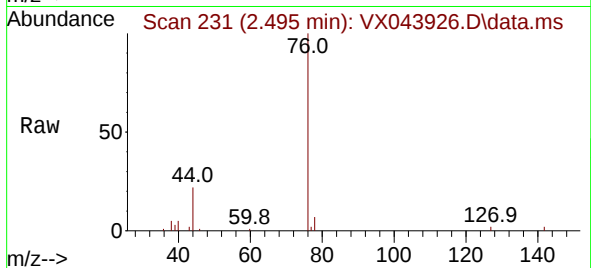
VSTDICC005

Tgt Ion: 76 Resp: 14415

Ion Ratio Lower Upper

76 100

78 6.8 7.0 10.6#



#18

Methyl Acetate

Concen: 4.745 ug/l

RT: 2.702 min Scan# 265

Delta R.T. -0.000 min

Lab File: VX043926.D

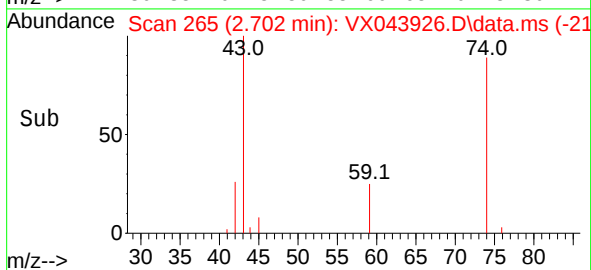
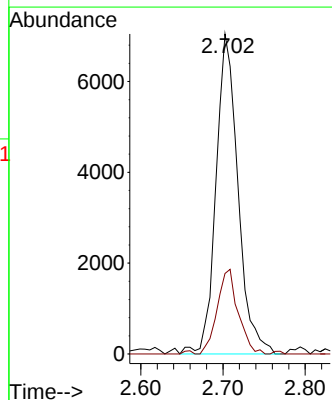
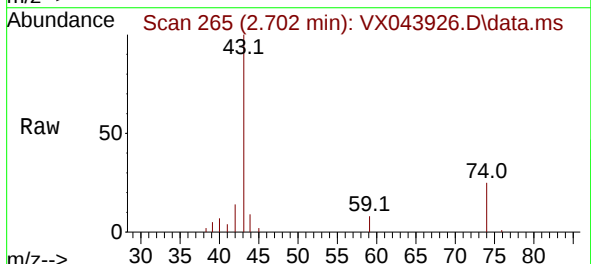
Acq: 21 Nov 2024 10:14

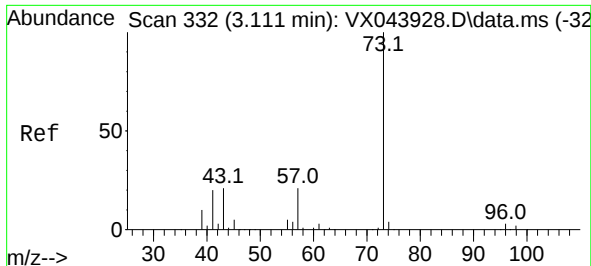
Tgt Ion: 43 Resp: 13127

Ion Ratio Lower Upper

43 100

74 25.0 18.9 28.3





#19

Methyl tert-butyl Ether

Concen: 4.759 ug/l

RT: 3.117 min Scan# 332

Delta R.T. 0.006 min

Lab File: VX043926.D

Acq: 21 Nov 2024 10:14

Instrument :

MSVOA\_X

ClientSampleId :

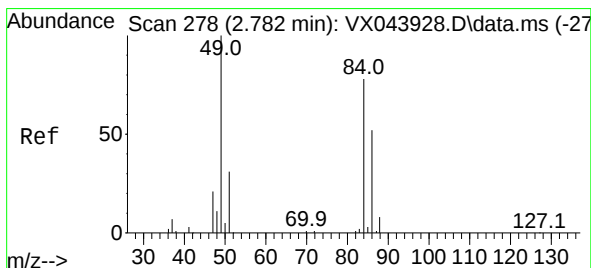
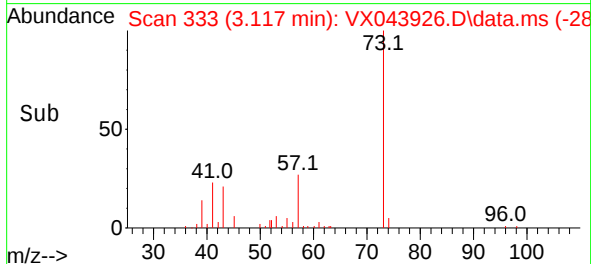
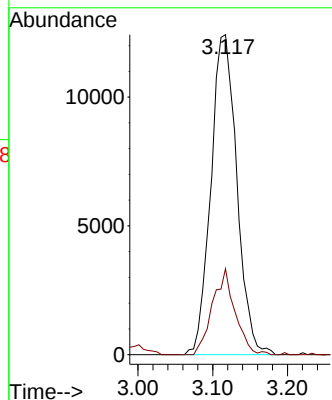
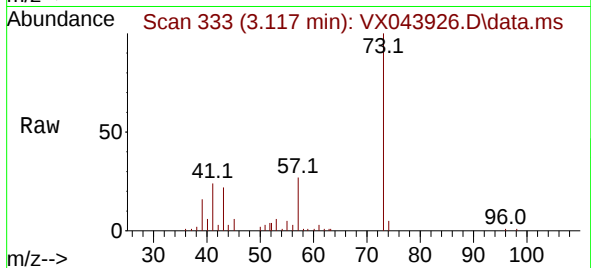
VSTDIC005

Tgt Ion: 73 Resp: 30022

Ion Ratio Lower Upper

73 100

57 26.8 17.0 25.6#



#20

Methylene Chloride

Concen: 4.909 ug/l

RT: 2.782 min Scan# 278

Delta R.T. -0.000 min

Lab File: VX043926.D

Acq: 21 Nov 2024 10:14

Tgt Ion: 84 Resp: 9895

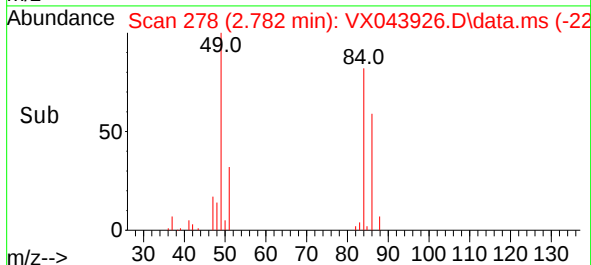
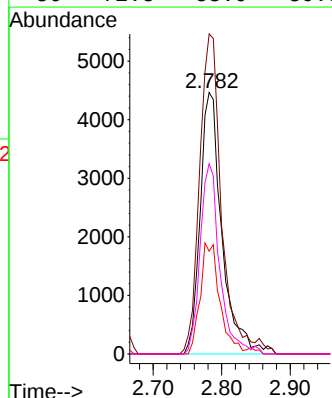
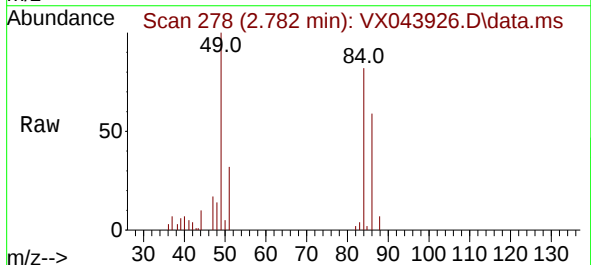
Ion Ratio Lower Upper

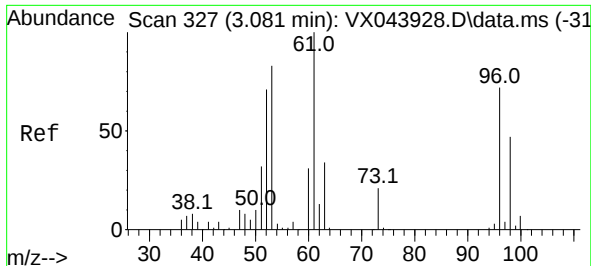
84 100

49 122.4 102.7 154.1

51 39.3 31.7 47.5

86 72.8 53.9 80.9

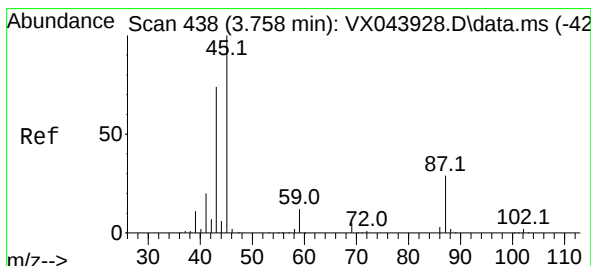
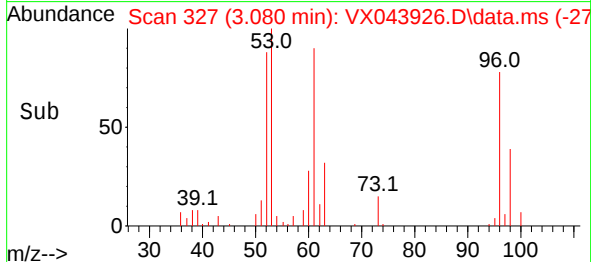
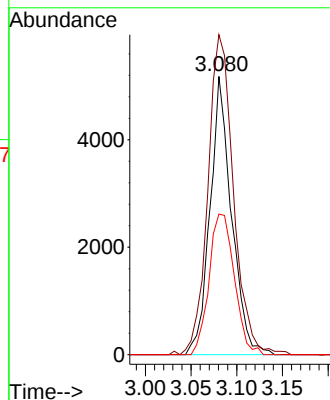
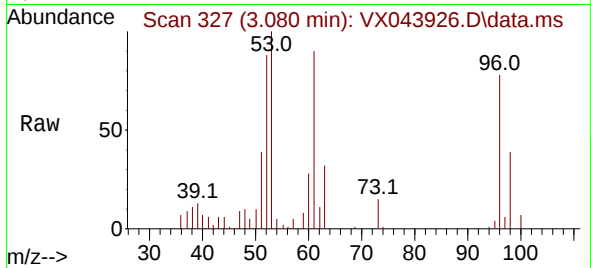




#21  
trans-1,2-Dichloroethene  
Concen: 4.730 ug/l  
RT: 3.080 min Scan# 31  
Delta R.T. -0.000 min  
Lab File: VX043926.D  
Acq: 21 Nov 2024 10:14

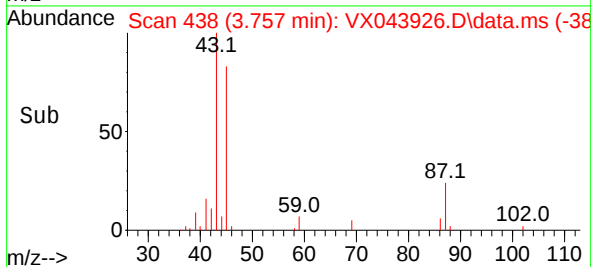
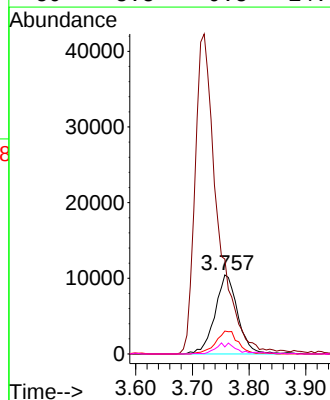
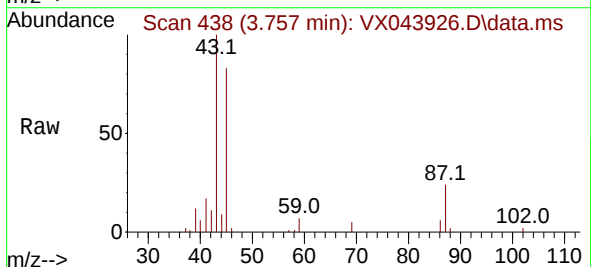
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICC005

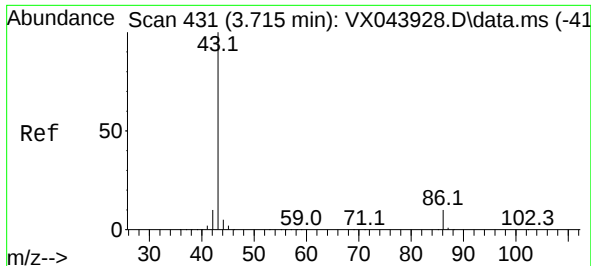
Tgt Ion: 96 Resp: 8486  
Ion Ratio Lower Upper  
96 100  
61 115.0 111.8 167.6  
98 50.6 52.7 79.1#



#22  
Diisopropyl ether  
Concen: 4.794 ug/l  
RT: 3.757 min Scan# 438  
Delta R.T. -0.000 min  
Lab File: VX043926.D  
Acq: 21 Nov 2024 10:14

Tgt Ion: 45 Resp: 29102  
Ion Ratio Lower Upper  
45 100  
43 118.7 59.6 89.4#  
87 29.0 22.9 34.3  
59 8.8 9.8 14.6#

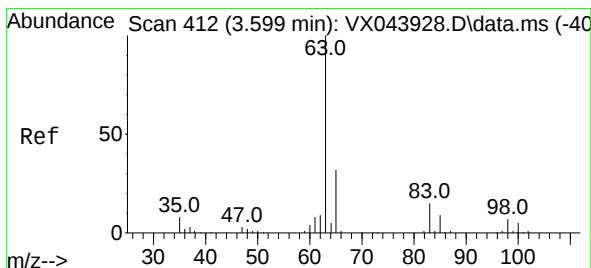
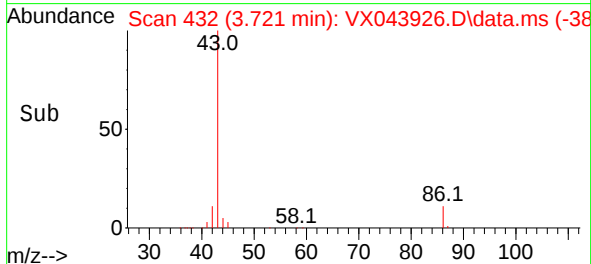
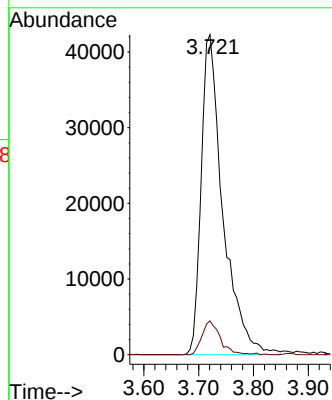
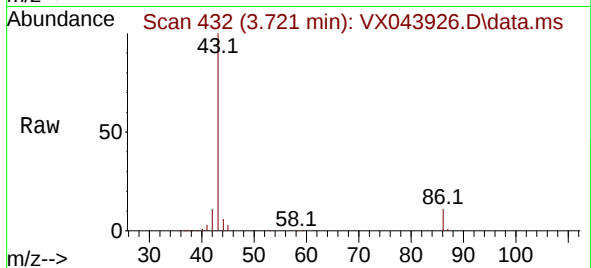




#23  
Vinyl Acetate  
Concen: 22.382 ug/l  
RT: 3.721 min Scan# 411  
Delta R.T. 0.006 min  
Lab File: VX043926.D  
Acq: 21 Nov 2024 10:14

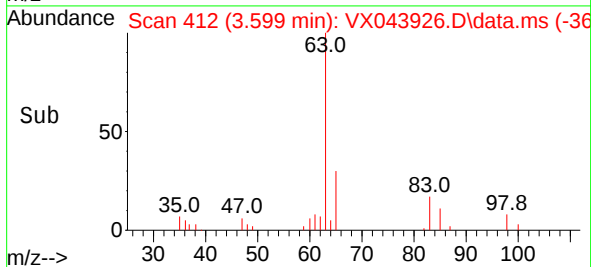
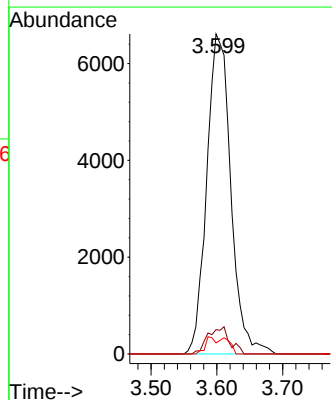
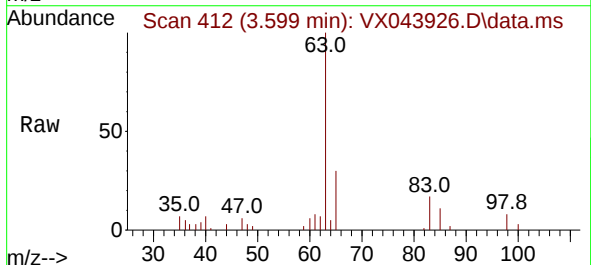
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC005

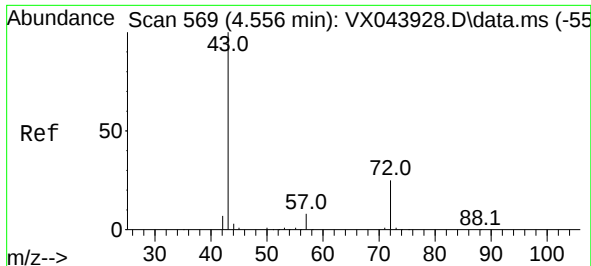
Tgt Ion: 43 Resp: 116242  
Ion Ratio Lower Upper  
43 100  
86 10.5 8.3 12.5



#24  
1,1-Dichloroethane  
Concen: 4.813 ug/l  
RT: 3.599 min Scan# 412  
Delta R.T. -0.000 min  
Lab File: VX043926.D  
Acq: 21 Nov 2024 10:14

Tgt Ion: 63 Resp: 16857  
Ion Ratio Lower Upper  
63 100  
98 7.6 3.5 10.6  
100 3.5 2.4 7.1

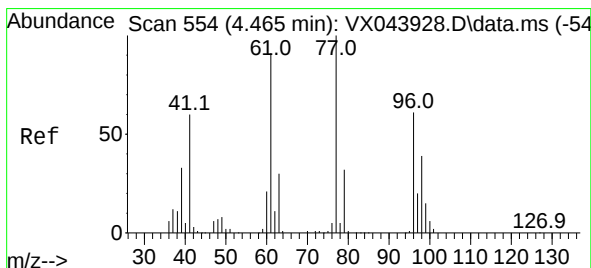
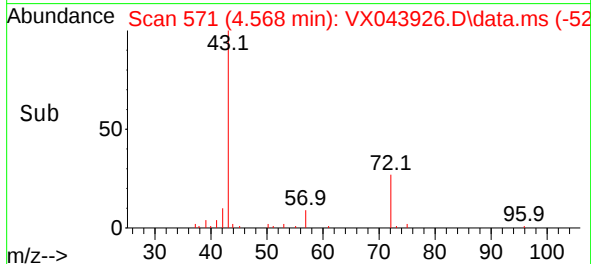
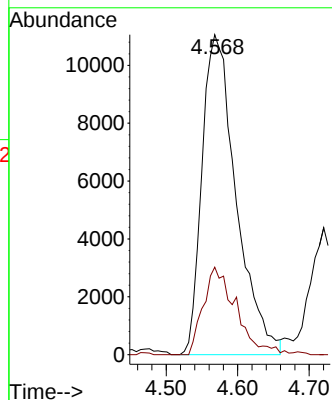
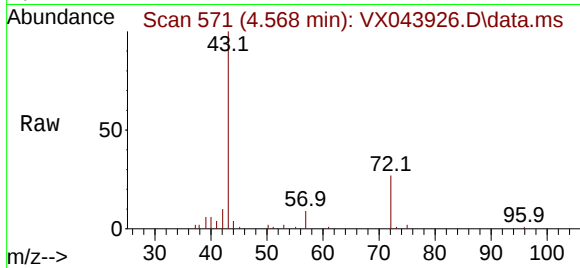




#25  
2-Butanone  
Concen: 23.931 ug/l  
RT: 4.568 min Scan# 51  
Delta R.T. 0.012 min  
Lab File: VX043926.D  
Acq: 21 Nov 2024 10:14

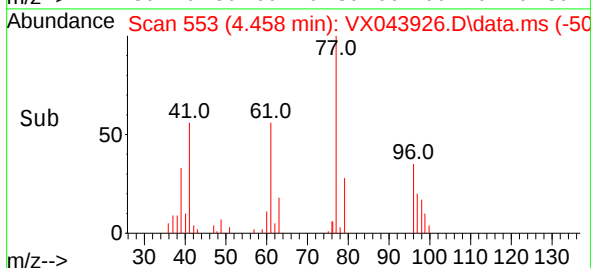
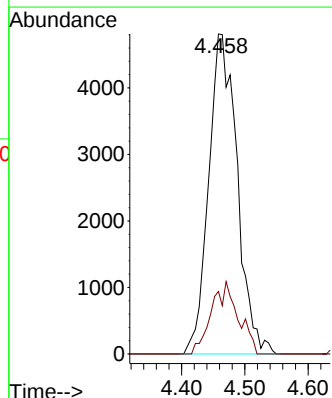
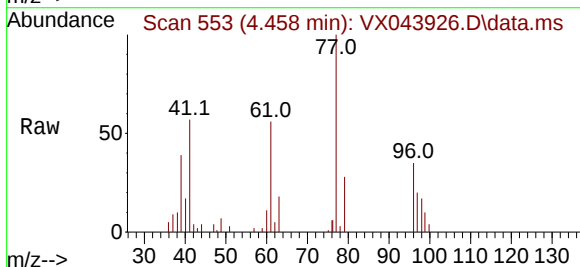
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICC005

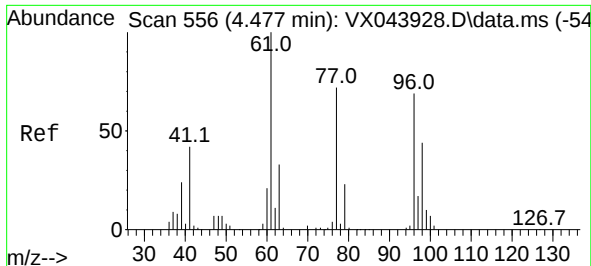
Tgt Ion: 43 Resp: 36680  
Ion Ratio Lower Upper  
43 100  
72 27.4 20.2 30.2



#26  
2,2-Dichloropropane  
Concen: 4.755 ug/l  
RT: 4.458 min Scan# 553  
Delta R.T. -0.007 min  
Lab File: VX043926.D  
Acq: 21 Nov 2024 10:14

Tgt Ion: 77 Resp: 15040  
Ion Ratio Lower Upper  
77 100  
97 10.0 10.8 32.3#





#27

cis-1,2-Dichloroethene

Concen: 4.579 ug/l

RT: 4.477 min Scan# 556

Delta R.T. -0.000 min

Lab File: VX043926.D

Acq: 21 Nov 2024 10:14

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC005

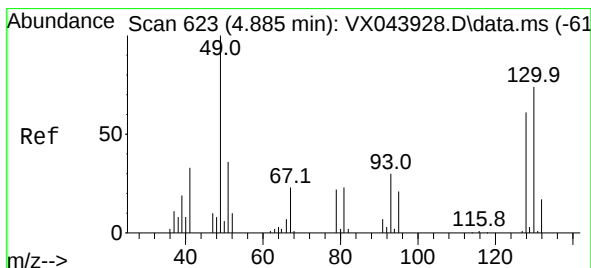
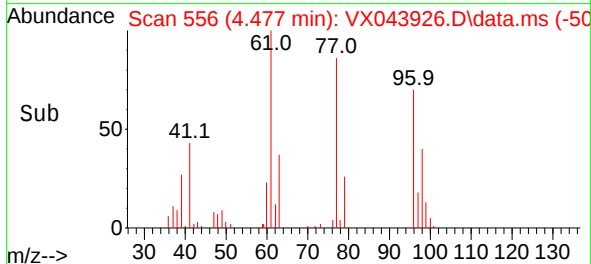
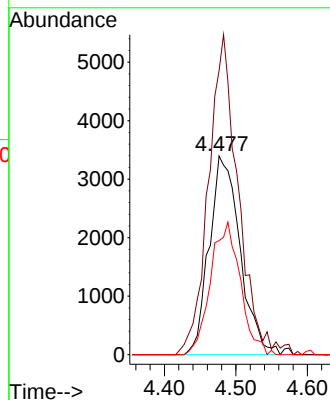
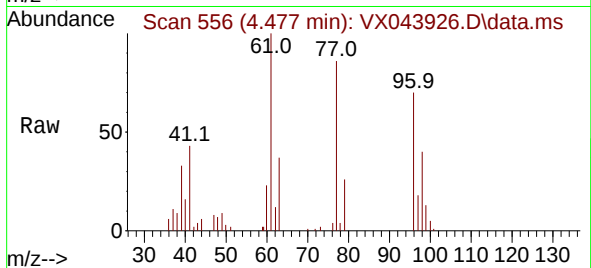
Tgt Ion: 96 Resp: 10153

Ion Ratio Lower Upper

96 100

61 155.7 0.0 297.4

98 64.3 0.0 127.8



#28

Bromochloromethane

Concen: 5.974 ug/l

RT: 4.891 min Scan# 624

Delta R.T. 0.006 min

Lab File: VX043926.D

Acq: 21 Nov 2024 10:14

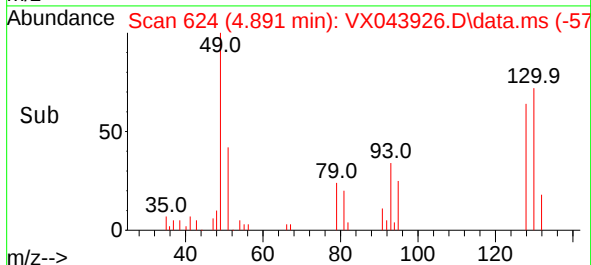
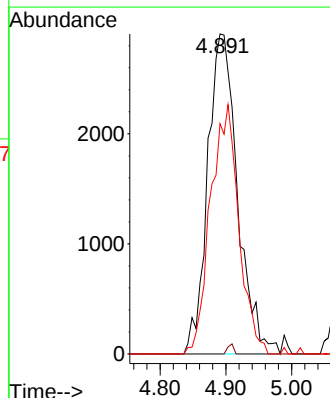
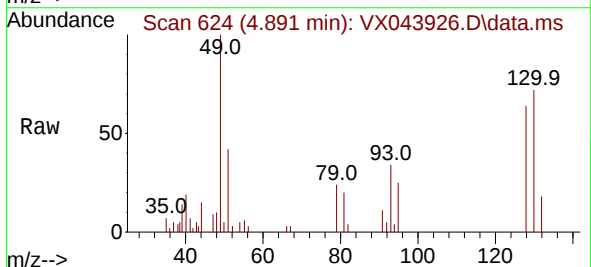
Tgt Ion: 49 Resp: 9210

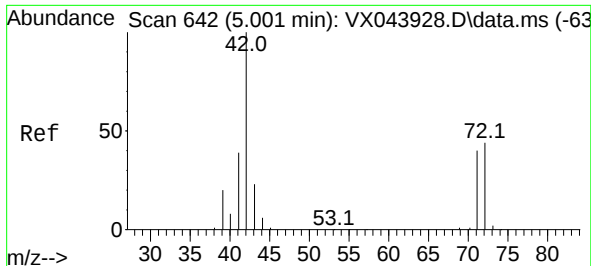
Ion Ratio Lower Upper

49 100

129 0.6 0.0 4.0

130 73.5 59.0 88.6





#29

Tetrahydrofuran

Concen: 25.028 ug/l

RT: 5.007 min Scan# 642

Delta R.T. 0.006 min

Lab File: VX043926.D

Acq: 21 Nov 2024 10:14

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC005

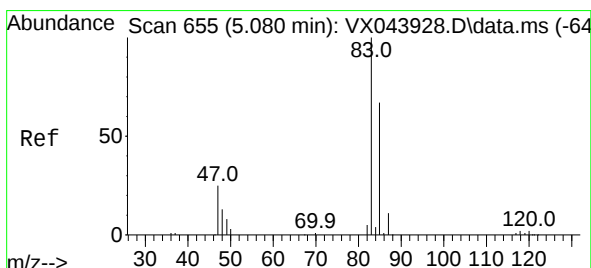
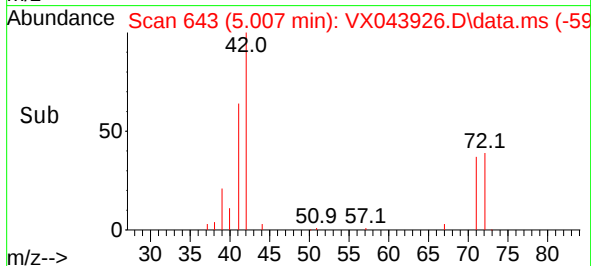
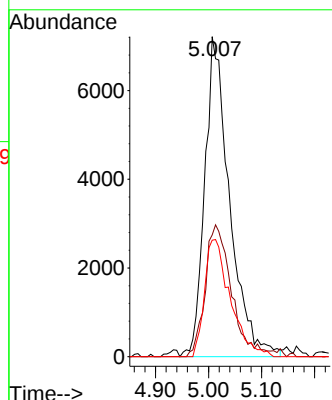
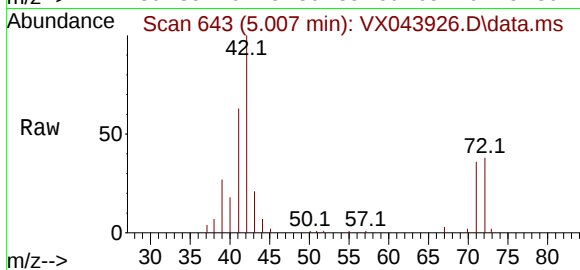
Tgt Ion: 42 Resp: 23518

Ion Ratio Lower Upper

42 100

72 43.4 36.4 54.6

71 38.1 33.4 50.0



#30

Chloroform

Concen: 4.954 ug/l

RT: 5.086 min Scan# 656

Delta R.T. 0.006 min

Lab File: VX043926.D

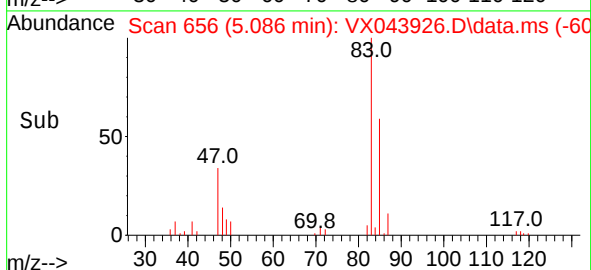
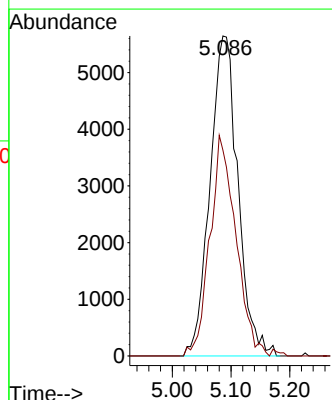
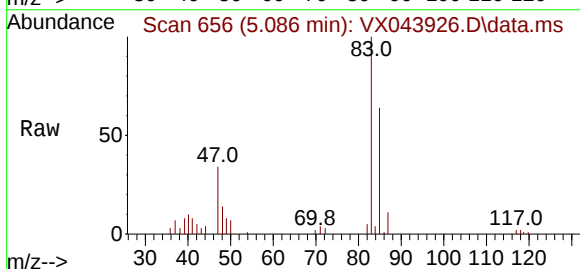
Acq: 21 Nov 2024 10:14

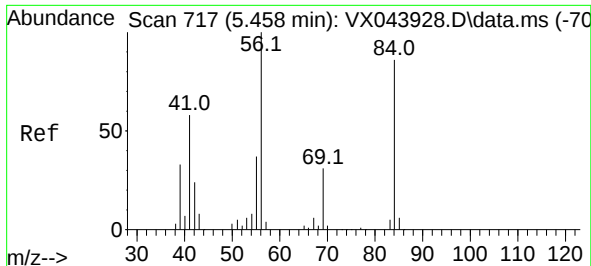
Tgt Ion: 83 Resp: 18661

Ion Ratio Lower Upper

83 100

85 64.3 53.5 80.3

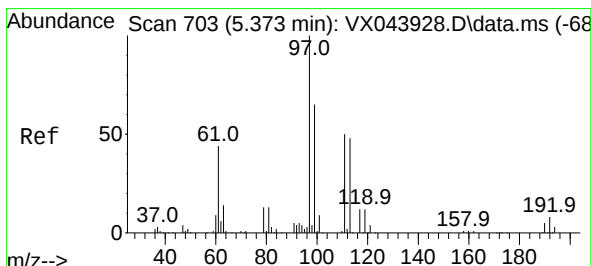
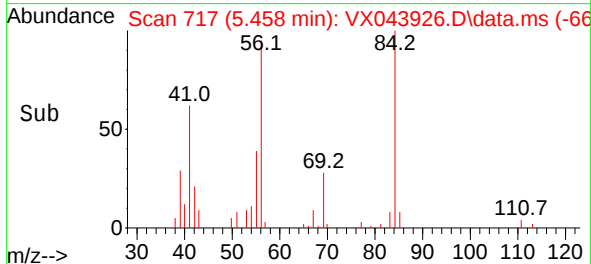
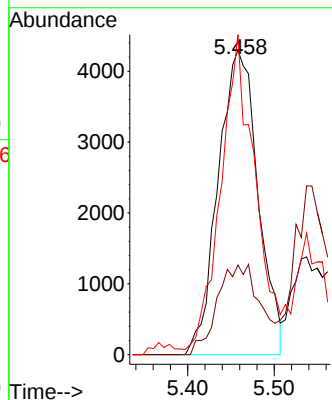
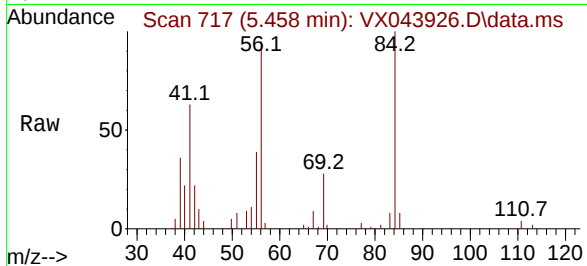




#31  
Cyclohexane  
Concen: 4.767 ug/l  
RT: 5.458 min Scan# 717  
Delta R.T. -0.000 min  
Lab File: VX043926.D  
Acq: 21 Nov 2024 10:14

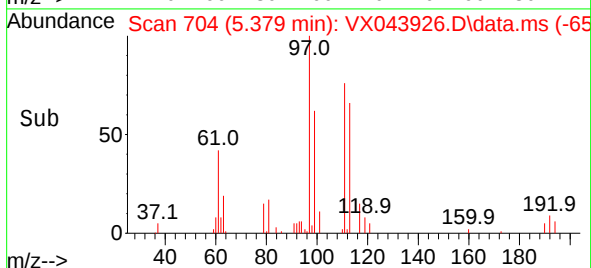
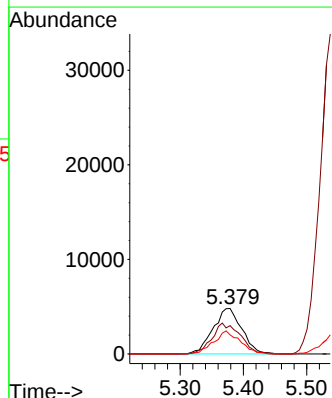
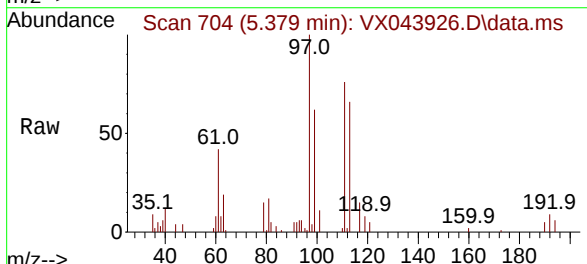
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC005

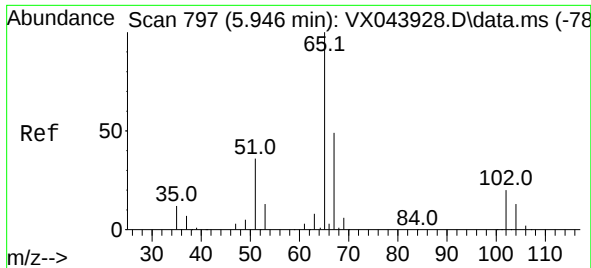
Tgt Ion: 56 Resp: 13740  
Ion Ratio Lower Upper  
56 100  
69 29.5 24.7 37.1  
84 103.2 68.7 103.1#



#32  
1,1,1-Trichloroethane  
Concen: 4.667 ug/l  
RT: 5.379 min Scan# 704  
Delta R.T. 0.006 min  
Lab File: VX043926.D  
Acq: 21 Nov 2024 10:14

Tgt Ion: 97 Resp: 15162  
Ion Ratio Lower Upper  
97 100  
99 66.9 50.8 76.2  
61 46.2 35.4 53.2





#33

1,2-Dichloroethane-d4

Concen: 5.398 ug/l

RT: 5.952 min Scan# 797

Delta R.T. 0.006 min

Lab File: VX043926.D

Acq: 21 Nov 2024 10:14

Instrument :

MSVOA\_X

ClientSampleId :

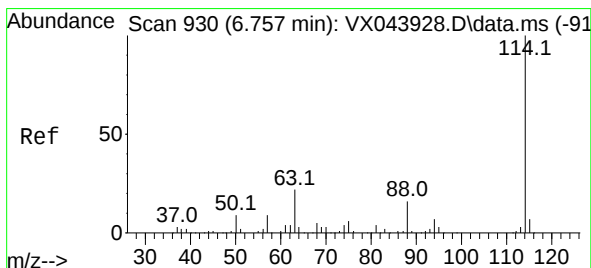
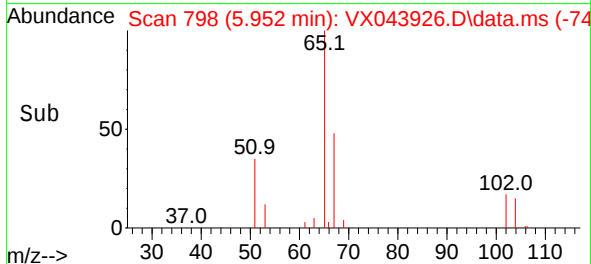
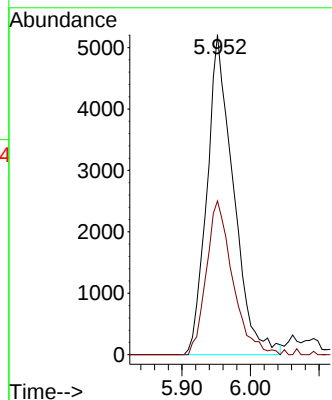
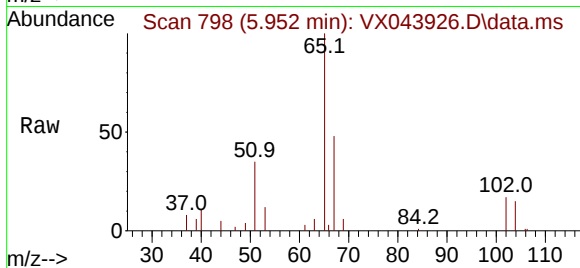
VSTDIC005

Tgt Ion: 65 Resp: 13961

Ion Ratio Lower Upper

65 100

67 47.8 0.0 100.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.000 min

Lab File: VX043926.D

Acq: 21 Nov 2024 10:14

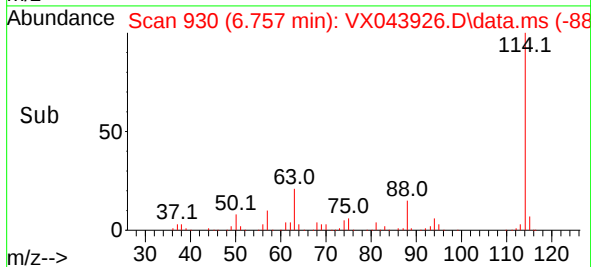
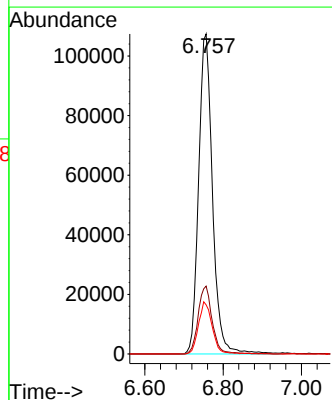
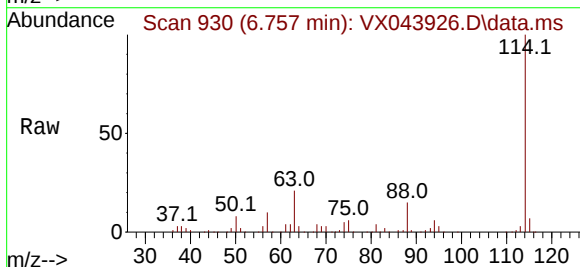
Tgt Ion: 114 Resp: 264969

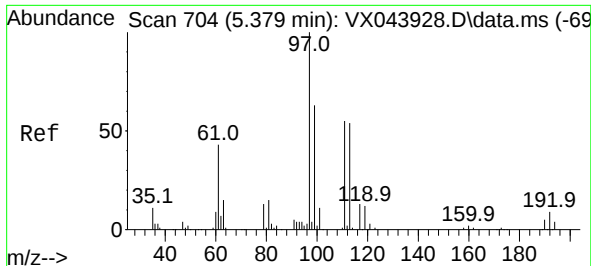
Ion Ratio Lower Upper

114 100

63 21.2 0.0 44.0

88 15.4 0.0 32.4





#35

Dibromofluoromethane

Concen: 5.198 ug/l

RT: 5.379 min Scan# 704

Delta R.T. -0.000 min

Lab File: VX043926.D

Acq: 21 Nov 2024 10:14

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC005

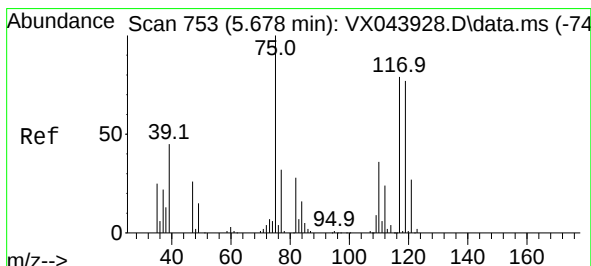
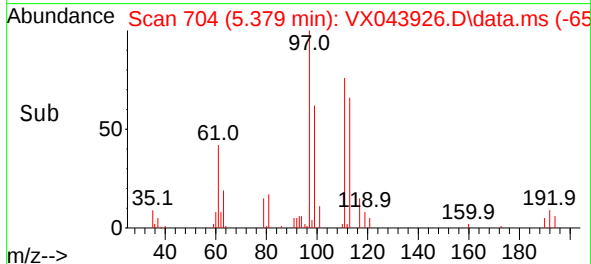
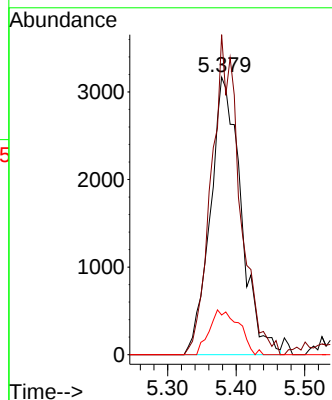
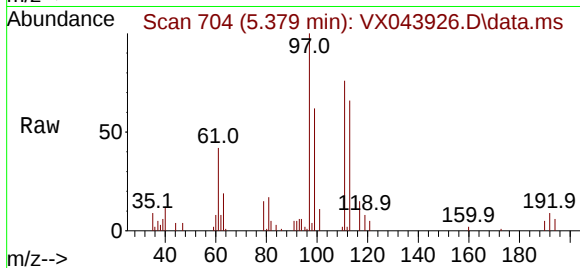
Tgt Ion:113 Resp: 9842

Ion Ratio Lower Upper

113 100

111 107.2 81.0 121.4

192 15.6 13.0 19.6



#36

1,1-Dichloropropene

Concen: 4.834 ug/l

RT: 5.690 min Scan# 755

Delta R.T. 0.012 min

Lab File: VX043926.D

Acq: 21 Nov 2024 10:14

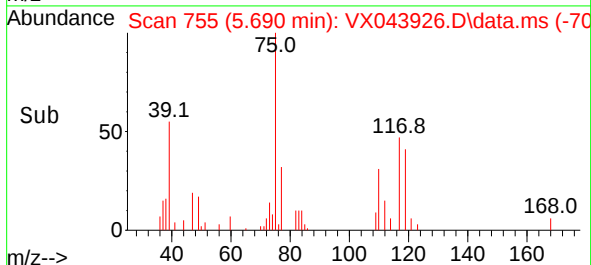
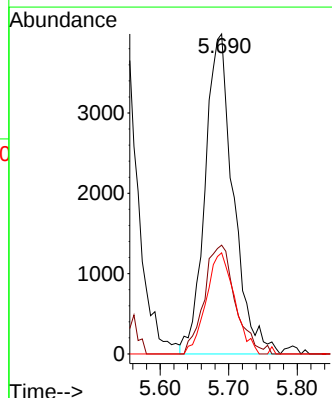
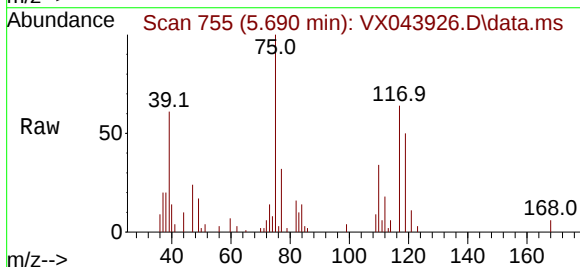
Tgt Ion: 75 Resp: 11406

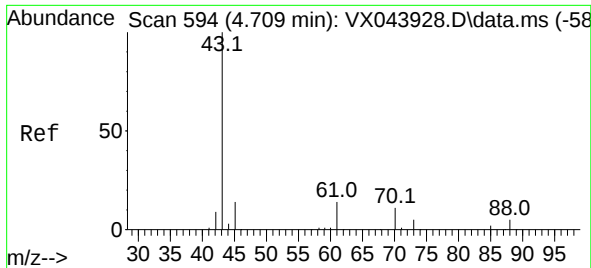
Ion Ratio Lower Upper

75 100

110 37.4 17.4 52.2

77 31.6 25.8 38.8





#37

Ethyl Acetate

Concen: 4.158 ug/l

RT: 4.720 min Scan# 596

Delta R.T. 0.012 min

Lab File: VX043926.D

Acq: 21 Nov 2024 10:14

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC005

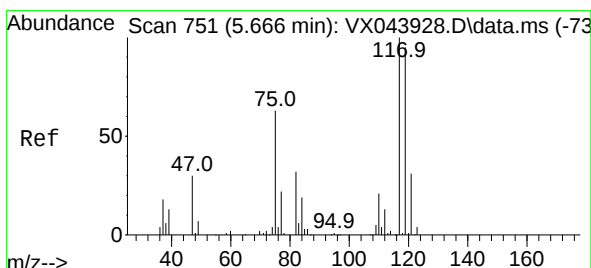
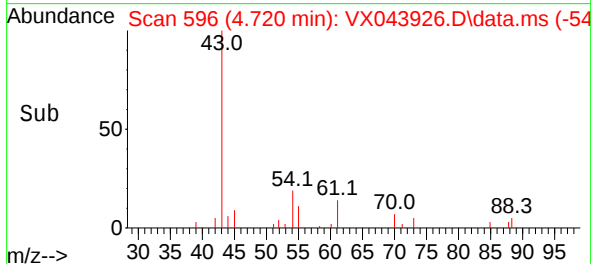
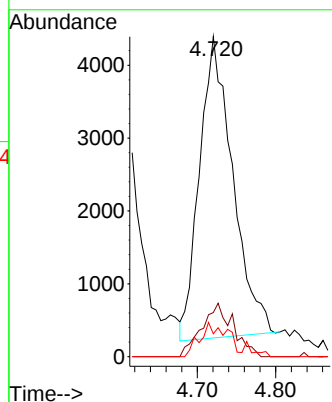
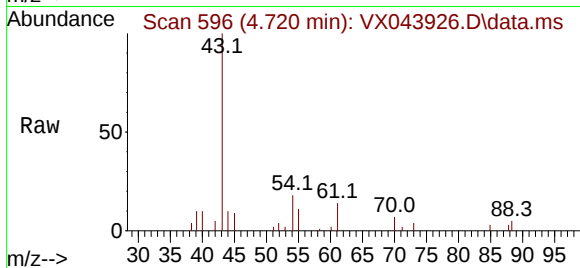
Tgt Ion: 43 Resp: 12177

Ion Ratio Lower Upper

43 100

61 16.9 10.7 16.1#

70 9.4 8.0 12.0



#38

Carbon Tetrachloride

Concen: 4.658 ug/l

RT: 5.665 min Scan# 751

Delta R.T. -0.000 min

Lab File: VX043926.D

Acq: 21 Nov 2024 10:14

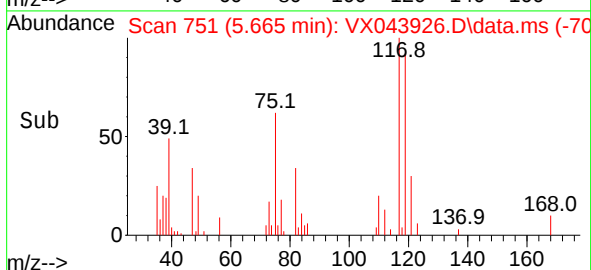
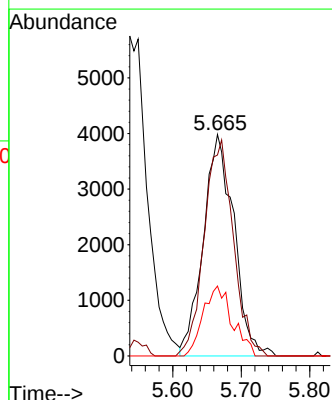
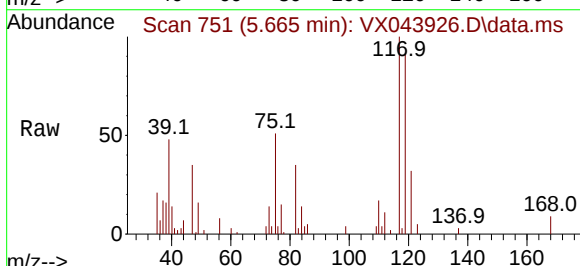
Tgt Ion: 117 Resp: 12348

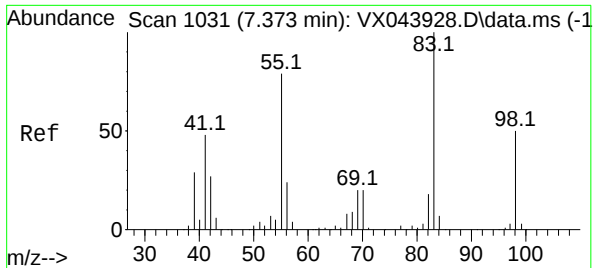
Ion Ratio Lower Upper

117 100

119 90.7 75.2 112.8

121 31.5 24.5 36.7

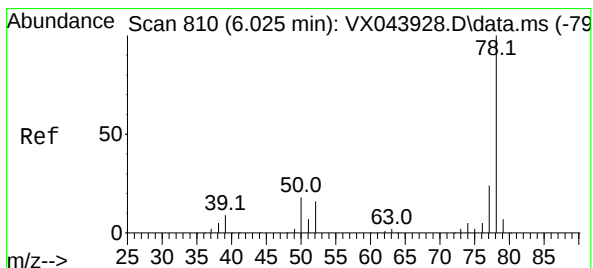
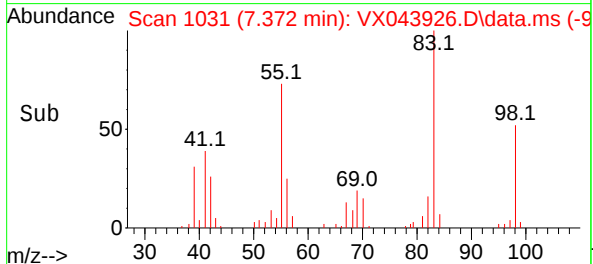
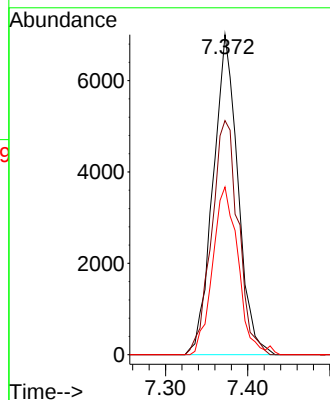
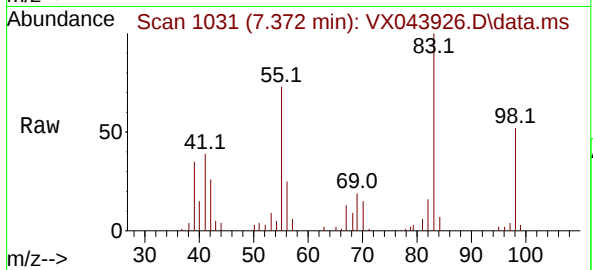




#39  
Methylcyclohexane  
Concen: 4.803 ug/l  
RT: 7.372 min Scan# 1031  
Delta R.T. -0.000 min  
Lab File: VX043926.D  
Acq: 21 Nov 2024 10:14

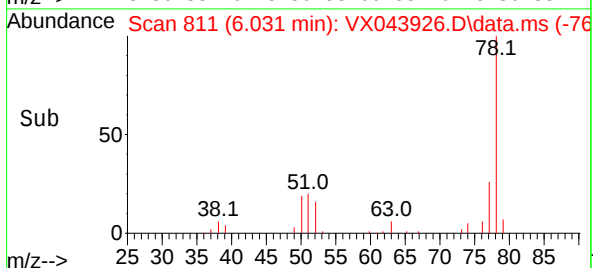
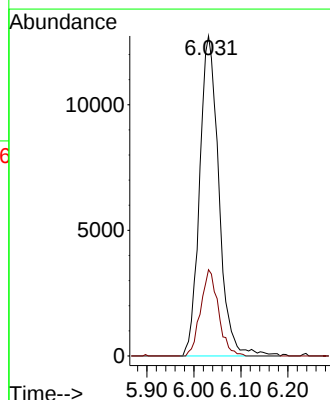
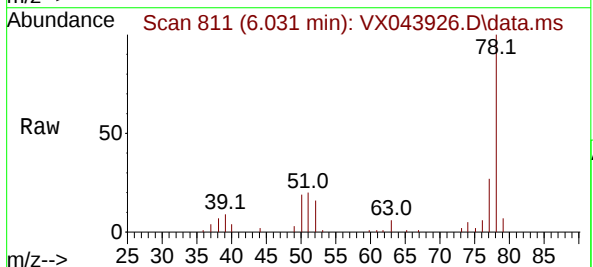
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC005

Tgt Ion: 83 Resp: 14721  
Ion Ratio Lower Upper  
83 100  
55 73.1 63.1 94.7  
98 52.4 40.0 60.0



#40  
Benzene  
Concen: 4.937 ug/l  
RT: 6.031 min Scan# 811  
Delta R.T. 0.006 min  
Lab File: VX043926.D  
Acq: 21 Nov 2024 10:14

Tgt Ion: 78 Resp: 36283  
Ion Ratio Lower Upper  
78 100  
77 27.0 19.2 28.8

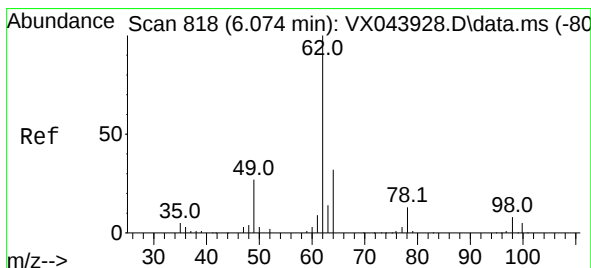
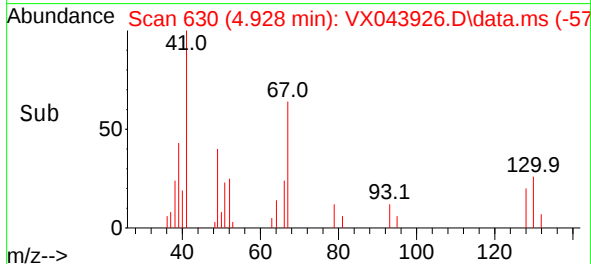
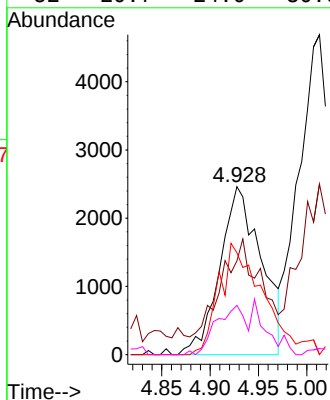
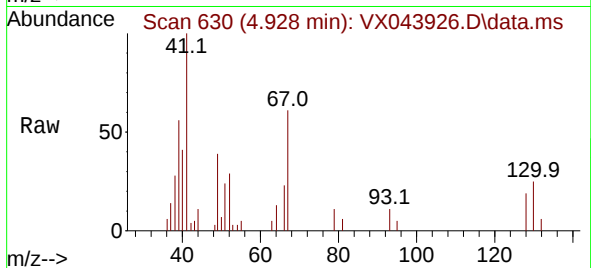




#41  
Methacrylonitrile  
Concen: 4.907 ug/l  
RT: 4.928 min Scan# 61  
Delta R.T. 0.012 min  
Lab File: VX043926.D  
Acq: 21 Nov 2024 10:14

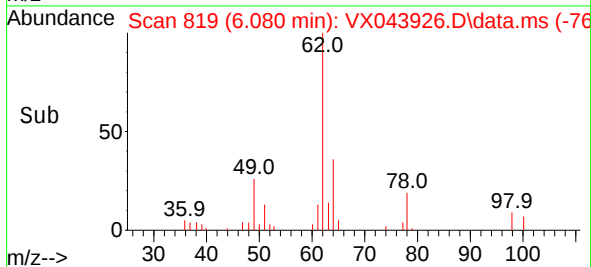
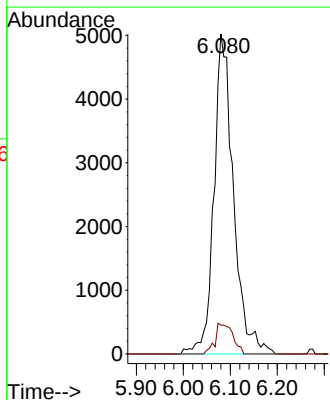
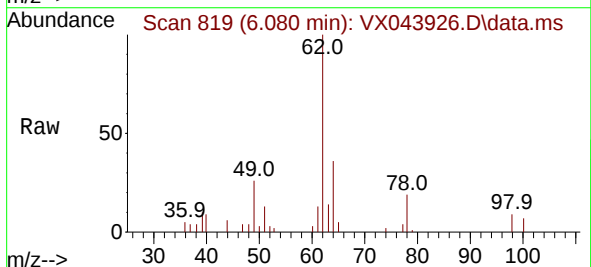
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICC005

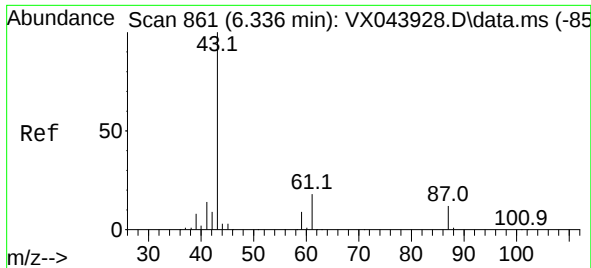
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 7355  |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 52.5  | 41.7  | 62.5  |
| 67       | 72.4  | 55.8  | 83.8  |
| 52       | 20.7  | 24.0  | 36.0  |



#42  
1,2-Dichloroethane  
Concen: 4.901 ug/l  
RT: 6.080 min Scan# 819  
Delta R.T. 0.006 min  
Lab File: VX043926.D  
Acq: 21 Nov 2024 10:14

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 62    | Resp: | 14467 |
| Ion      | Ratio | Lower | Upper |
| 62       | 100   |       |       |
| 98       | 8.6   | 0.0   | 16.4  |





#43

Isopropyl Acetate

Concen: 4.777 ug/l

RT: 6.348 min Scan# 8

Delta R.T. 0.012 min

Lab File: VX043926.D

Acq: 21 Nov 2024 10:14

Instrument :

MSVOA\_X

ClientSampleId :

VSTDICC005

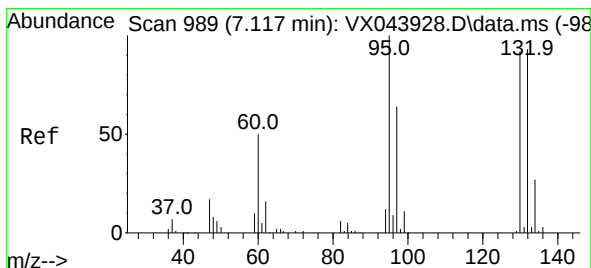
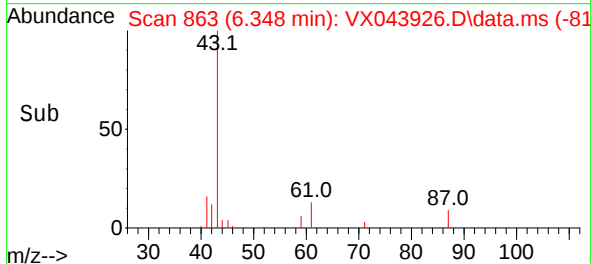
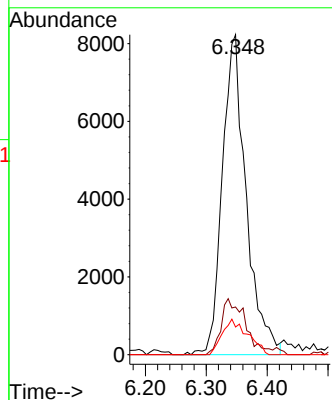
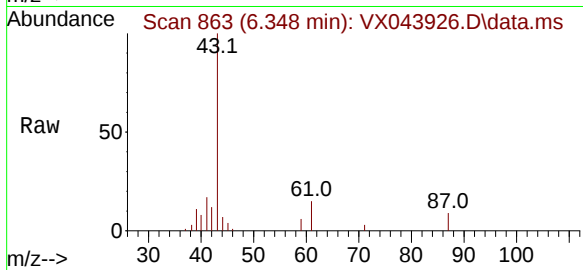
Tgt Ion: 43 Resp: 22267

Ion Ratio Lower Upper

43 100

61 18.0 14.5 21.7

87 11.9 10.2 15.2



#44

Trichloroethene

Concen: 4.736 ug/l

RT: 7.128 min Scan# 991

Delta R.T. 0.012 min

Lab File: VX043926.D

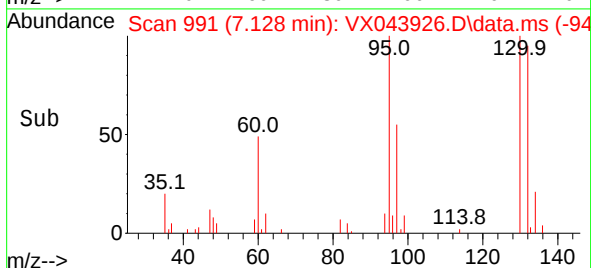
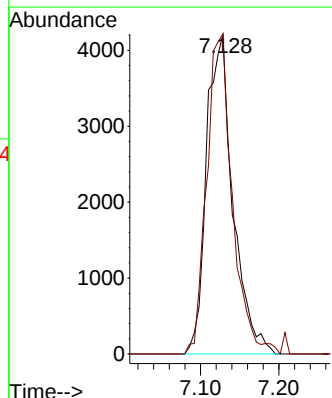
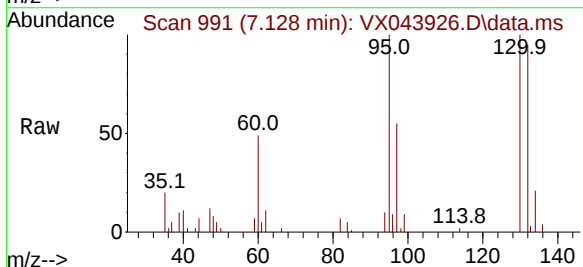
Acq: 21 Nov 2024 10:14

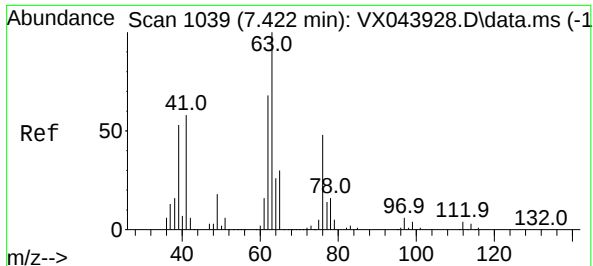
Tgt Ion:130 Resp: 9852

Ion Ratio Lower Upper

130 100

95 100.3 0.0 217.8

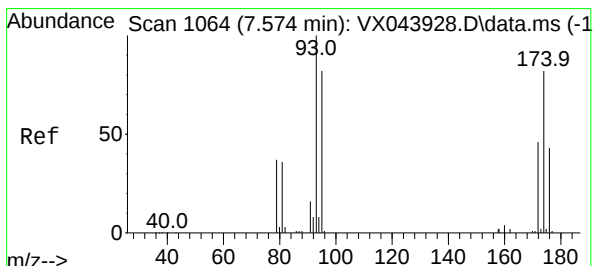
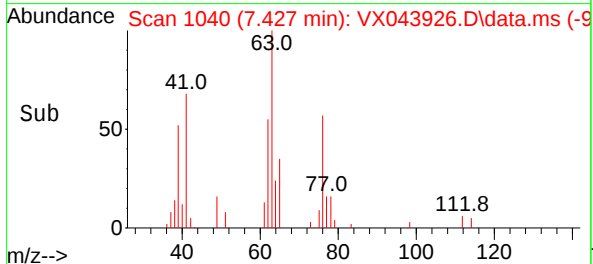
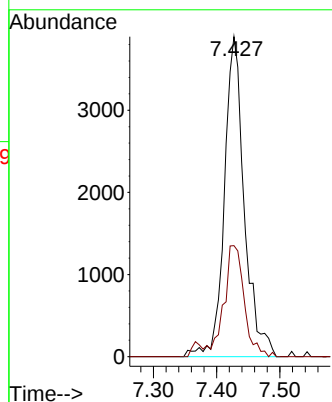
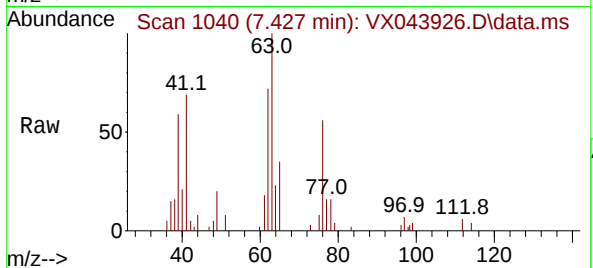




#45  
1,2-Dichloropropane  
Concen: 4.736 ug/l  
RT: 7.427 min Scan# 1040  
Delta R.T. 0.006 min  
Lab File: VX043926.D  
Acq: 21 Nov 2024 10:14

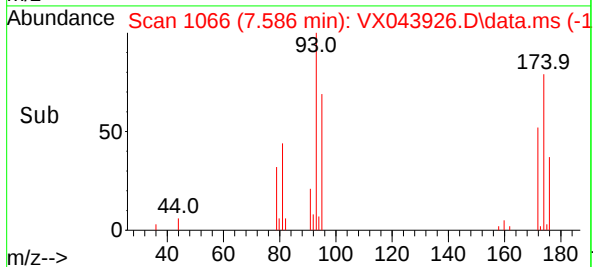
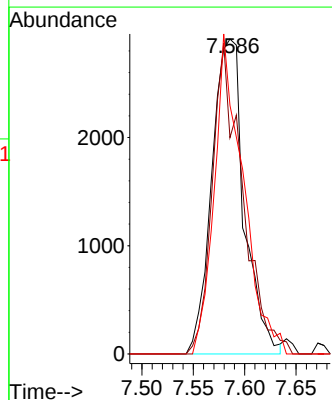
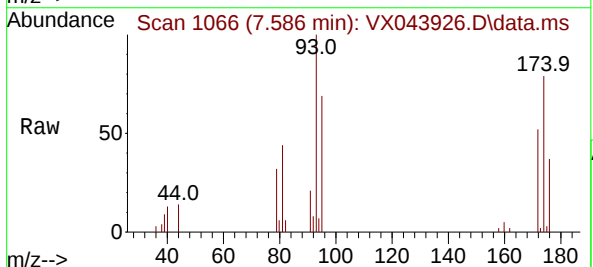
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICC005

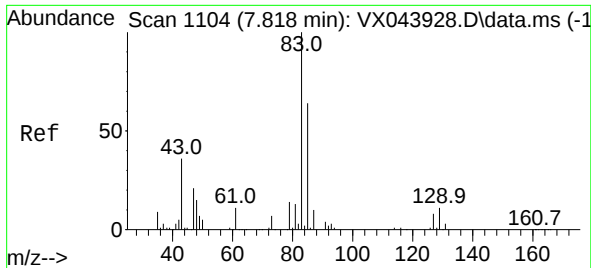
Tgt Ion: 63 Resp: 8525  
Ion Ratio Lower Upper  
63 100  
65 34.7 23.8 35.6



#46  
Dibromomethane  
Concen: 4.475 ug/l  
RT: 7.586 min Scan# 1066  
Delta R.T. 0.012 min  
Lab File: VX043926.D  
Acq: 21 Nov 2024 10:14

Tgt Ion: 93 Resp: 6372  
Ion Ratio Lower Upper  
93 100  
95 92.5 66.2 99.4  
174 90.3 69.6 104.4





#47

Bromodichloromethane

Concen: 4.405 ug/l

RT: 7.823 min Scan# 1105

Delta R.T. 0.006 min

Lab File: VX043926.D

Acq: 21 Nov 2024 10:14

Instrument :

MSVOA\_X

ClientSampleId :

VSTDICC005

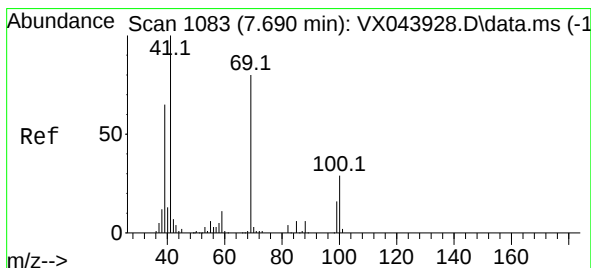
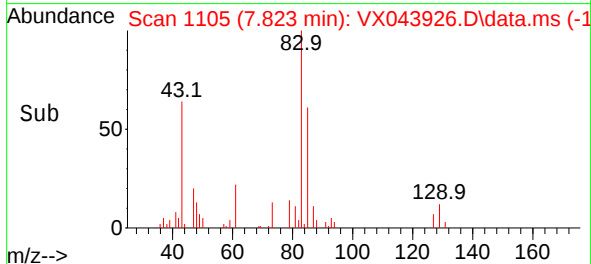
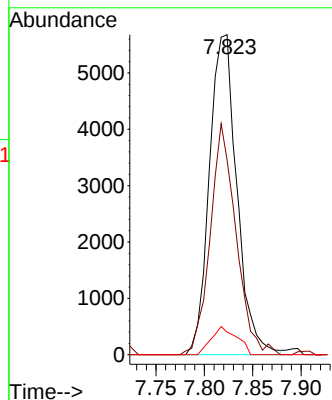
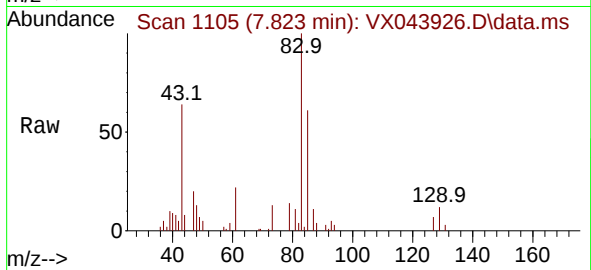
Tgt Ion: 83 Resp: 11249

Ion Ratio Lower Upper

83 100

85 60.8 51.4 77.0

127 7.1 6.6 10.0



#48

Methyl methacrylate

Concen: 4.556 ug/l

RT: 7.695 min Scan# 1084

Delta R.T. 0.006 min

Lab File: VX043926.D

Acq: 21 Nov 2024 10:14

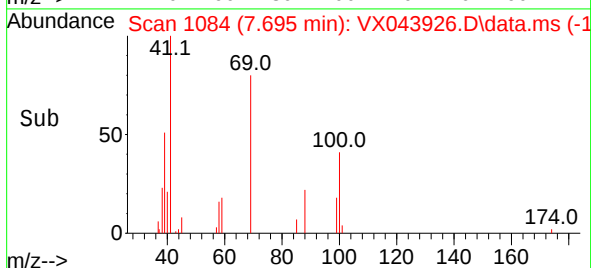
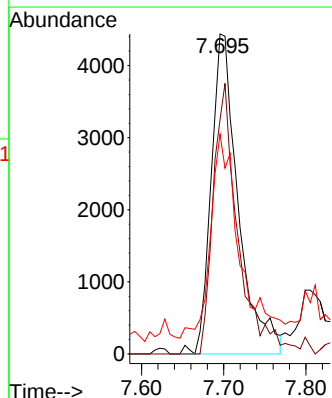
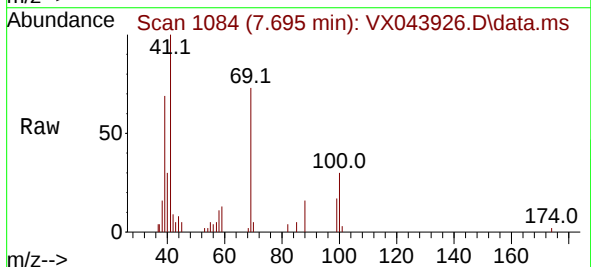
Tgt Ion: 41 Resp: 10190

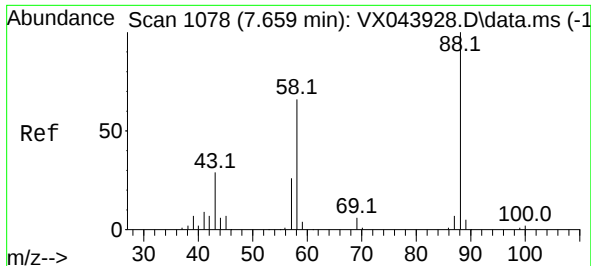
Ion Ratio Lower Upper

41 100

69 77.6 64.6 97.0

39 60.5 53.3 79.9





#49

1,4-Dioxane

Concen: 79.255 ug/l

RT: 7.677 min Scan# 1

Delta R.T. 0.018 min

Lab File: VX043926.D

Acq: 21 Nov 2024 10:14

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC005

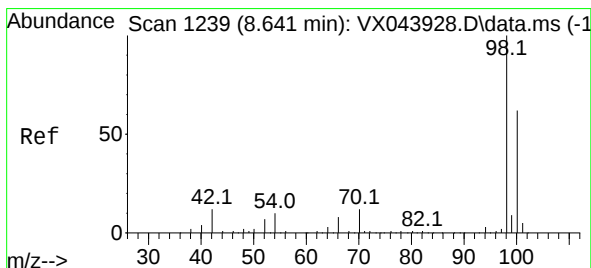
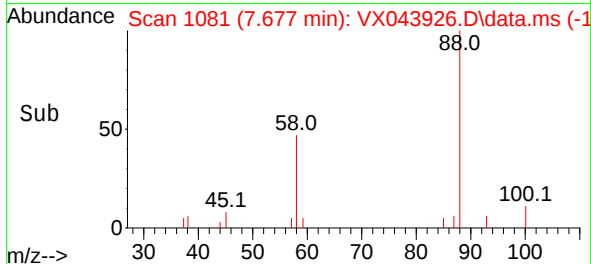
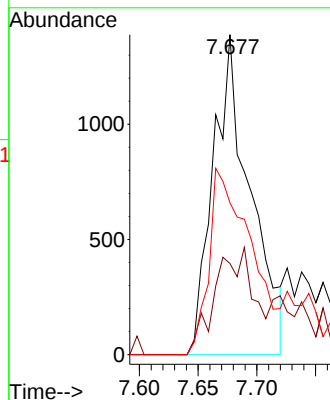
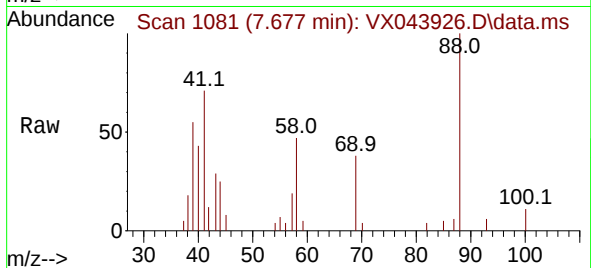
Tgt Ion: 88 Resp: 3056

Ion Ratio Lower Upper

88 100

43 0.0 26.8 40.2#

58 66.3 45.4 68.2



#50

Toluene-d8

Concen: 5.389 ug/l

RT: 8.646 min Scan# 1240

Delta R.T. 0.006 min

Lab File: VX043926.D

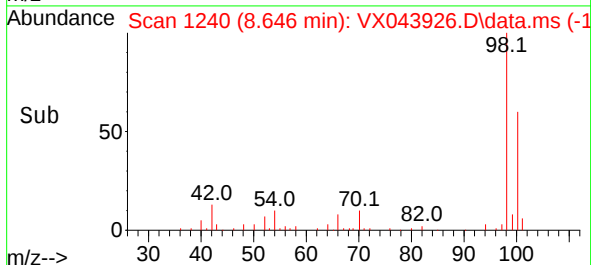
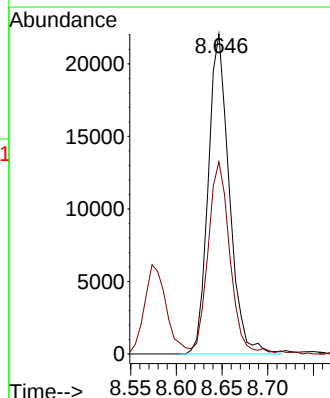
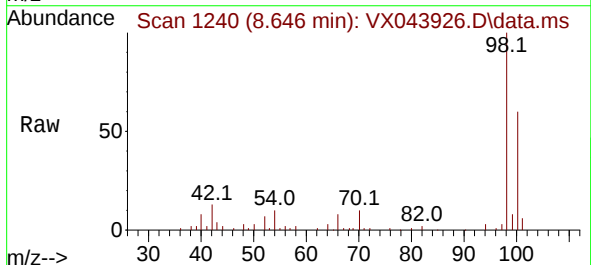
Acq: 21 Nov 2024 10:14

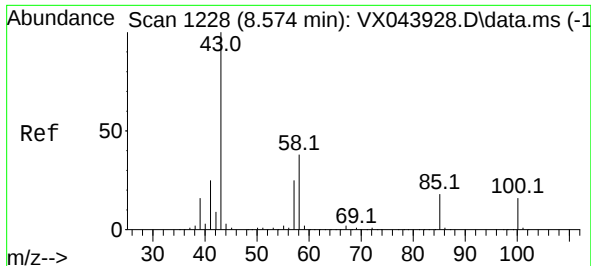
Tgt Ion: 98 Resp: 35173

Ion Ratio Lower Upper

98 100

100 62.7 52.6 79.0

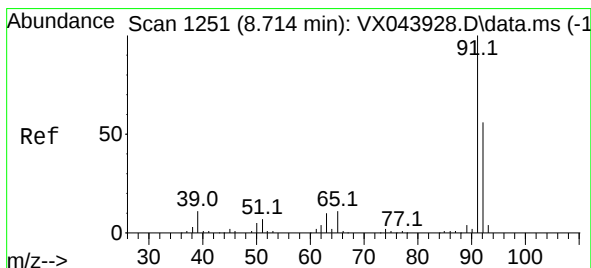
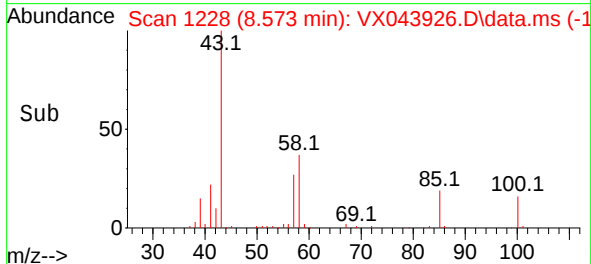
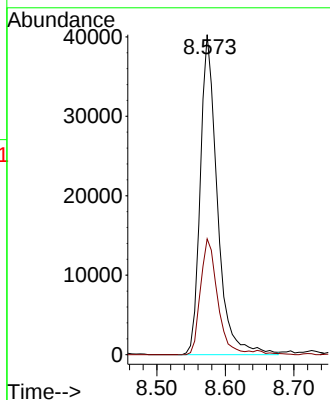
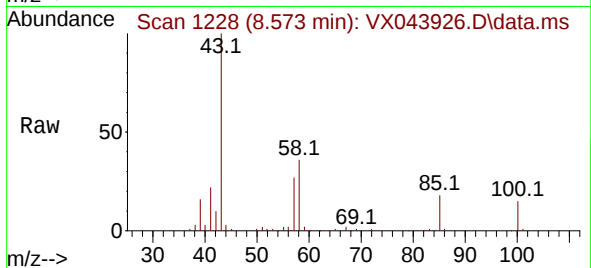




#51  
4-Methyl-2-Pentanone  
Concen: 24.556 ug/l  
RT: 8.573 min Scan# 1228  
Delta R.T. -0.000 min  
Lab File: VX043926.D  
Acq: 21 Nov 2024 10:14

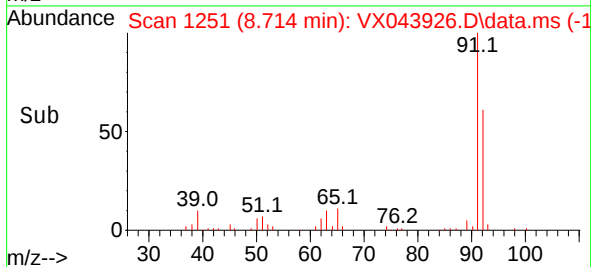
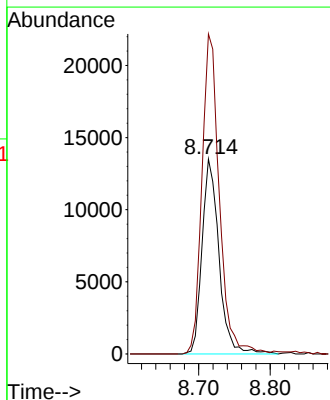
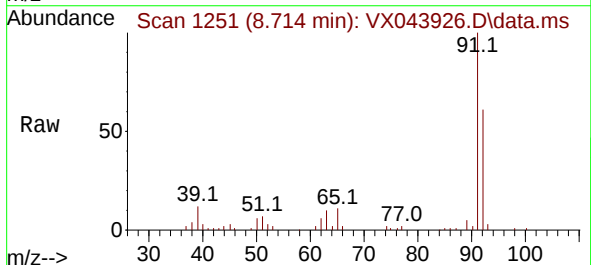
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICC005

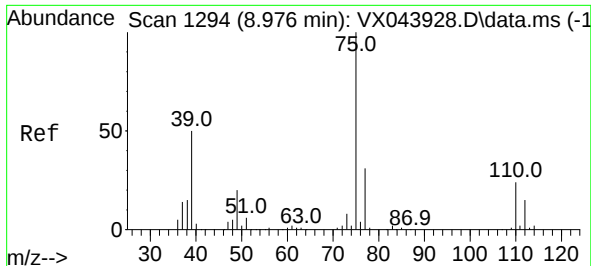
Tgt Ion: 43 Resp: 69843  
Ion Ratio Lower Upper  
43 100  
58 35.9 30.0 45.0



#52  
Toluene  
Concen: 5.051 ug/l  
RT: 8.714 min Scan# 1251  
Delta R.T. -0.000 min  
Lab File: VX043926.D  
Acq: 21 Nov 2024 10:14

Tgt Ion: 92 Resp: 22218  
Ion Ratio Lower Upper  
92 100  
91 168.5 139.7 209.5





#53

t-1,3-Dichloropropene

Concen: 4.200 ug/l

RT: 8.982 min Scan# 1194

Delta R.T. 0.006 min

Lab File: VX043926.D

Acq: 21 Nov 2024 10:14

Instrument :

MSVOA\_X

ClientSampleId :

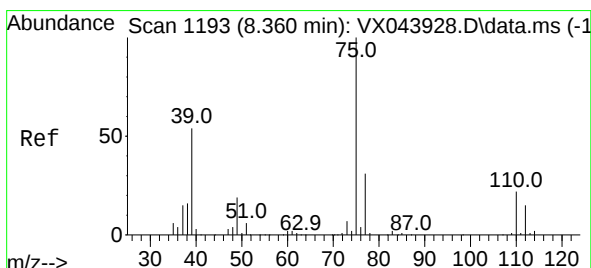
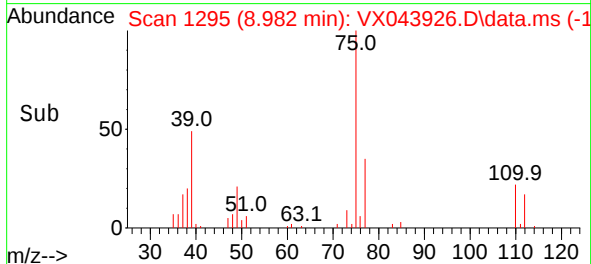
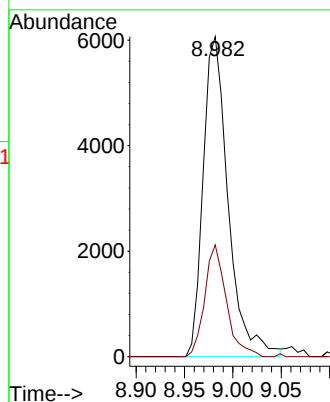
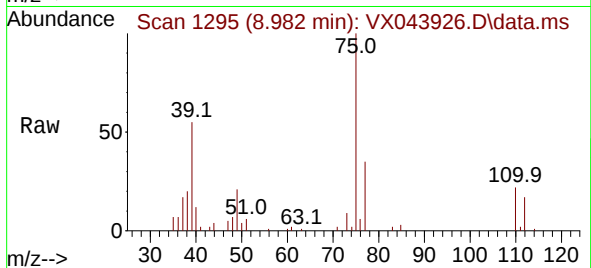
VSTDIC005

Tgt Ion: 75 Resp: 10937

Ion Ratio Lower Upper

75 100

77 35.0 25.1 37.7



#54

cis-1,3-Dichloropropene

Concen: 4.292 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.006 min

Lab File: VX043926.D

Acq: 21 Nov 2024 10:14

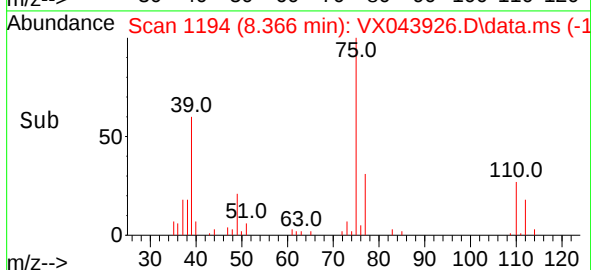
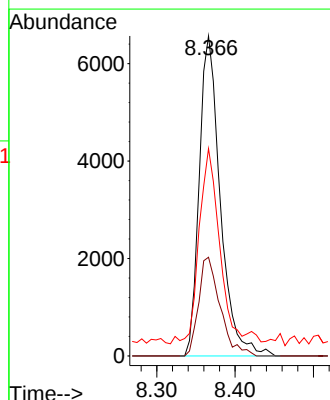
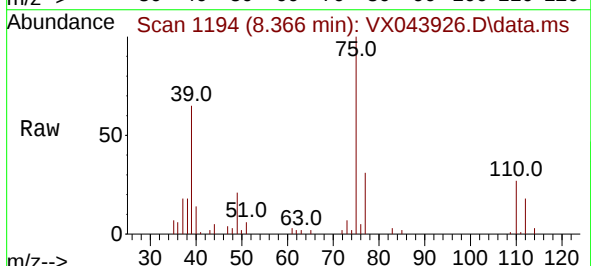
Tgt Ion: 75 Resp: 12253

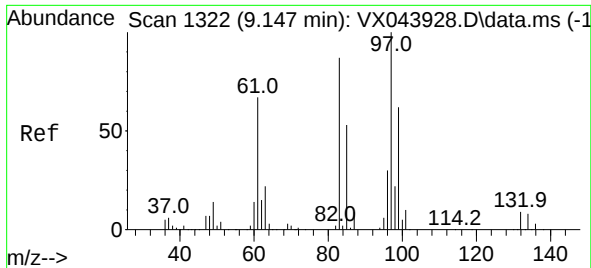
Ion Ratio Lower Upper

75 100

77 30.9 25.2 37.8

39 60.0 43.1 64.7

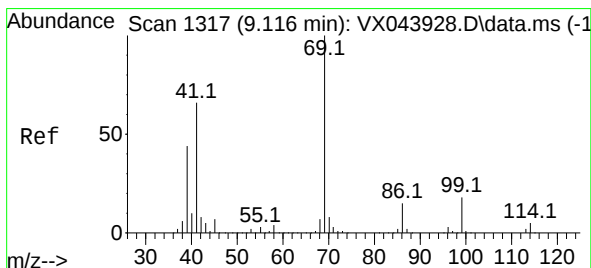
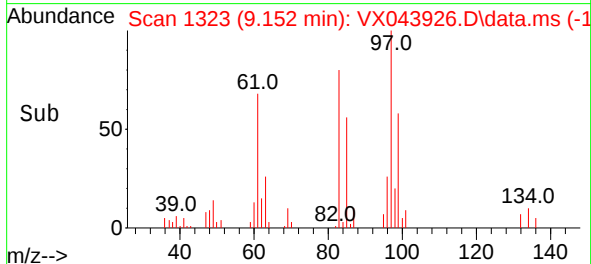
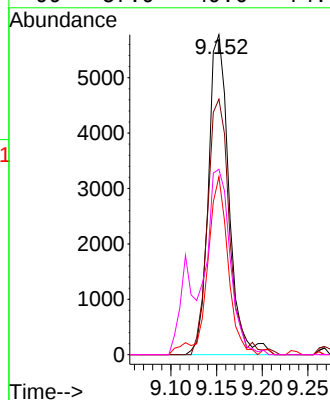
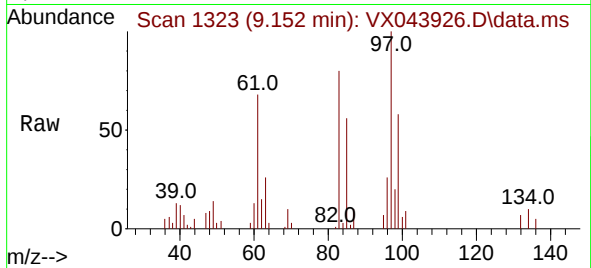




#55  
1,1,2-Trichloroethane  
Concen: 4.957 ug/l  
RT: 9.152 min Scan# 1322  
Delta R.T. 0.006 min  
Lab File: VX043926.D  
Acq: 21 Nov 2024 10:14

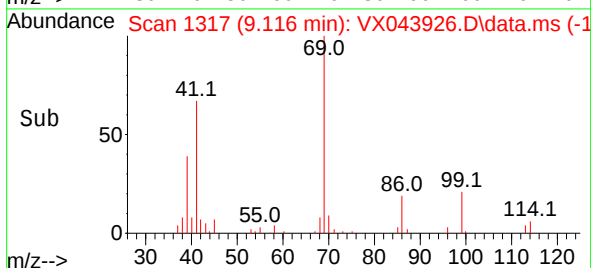
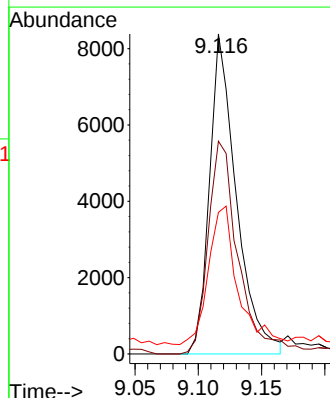
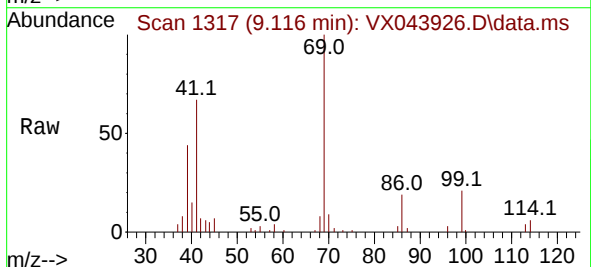
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICC005

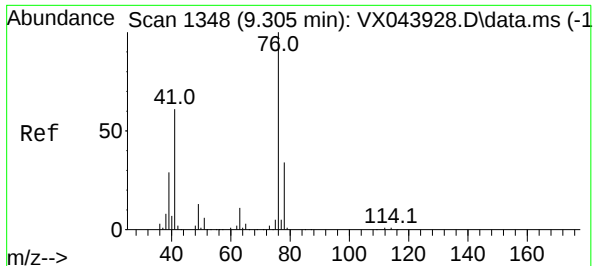
|             |             |
|-------------|-------------|
| Tgt Ion: 97 | Resp: 9000  |
| Ion Ratio   | Lower Upper |
| 97 100      |             |
| 83 79.8     | 69.4 104.0  |
| 85 55.6     | 42.3 63.5   |
| 99 57.9     | 49.6 74.4   |



#56  
Ethyl methacrylate  
Concen: 4.378 ug/l  
RT: 9.116 min Scan# 1317  
Delta R.T. -0.000 min  
Lab File: VX043926.D  
Acq: 21 Nov 2024 10:14

|             |             |
|-------------|-------------|
| Tgt Ion: 69 | Resp: 12381 |
| Ion Ratio   | Lower Upper |
| 69 100      |             |
| 41 75.0     | 55.8 83.8   |
| 39 46.7     | 36.7 55.1   |

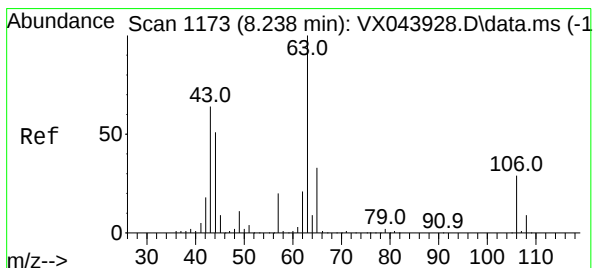
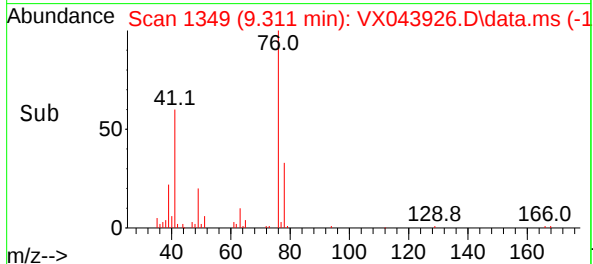
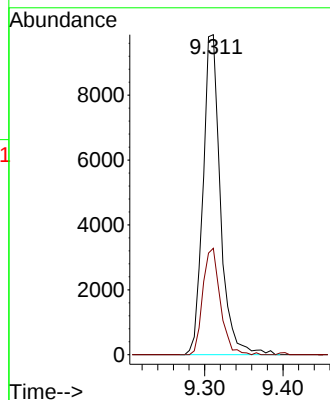
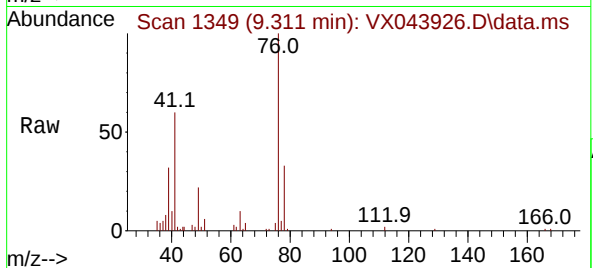




#57  
1,3-Dichloropropane  
Concen: 4.973 ug/l  
RT: 9.311 min Scan# 1349  
Delta R.T. 0.006 min  
Lab File: VX043926.D  
Acq: 21 Nov 2024 10:14

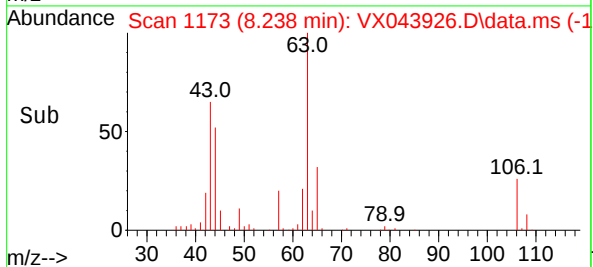
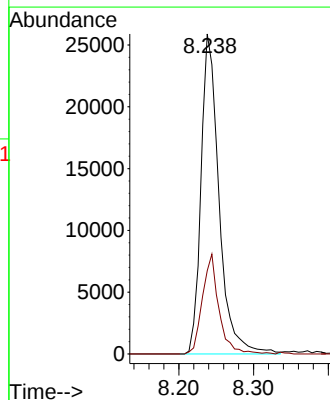
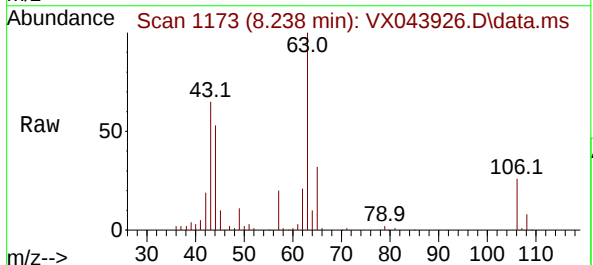
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC005

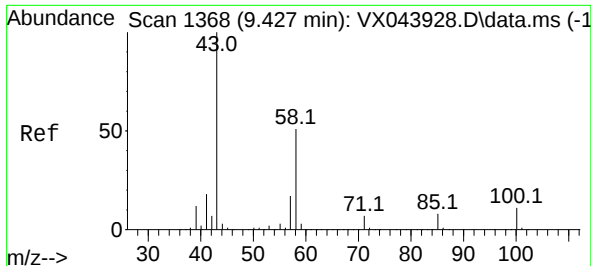
Tgt Ion: 76 Resp: 15211  
Ion Ratio Lower Upper  
76 100  
78 33.4 26.0 39.0



#58  
2-Chloroethyl Vinyl ether  
Concen: 27.673 ug/l  
RT: 8.238 min Scan# 1173  
Delta R.T. -0.000 min  
Lab File: VX043926.D  
Acq: 21 Nov 2024 10:14

Tgt Ion: 63 Resp: 43351  
Ion Ratio Lower Upper  
63 100  
106 28.6 23.0 34.6





#59

2-Hexanone

Concen: 24.357 ug/l

RT: 9.433 min Scan# 1369

Delta R.T. 0.006 min

Lab File: VX043926.D

Acq: 21 Nov 2024 10:14

Instrument :

MSVOA\_X

ClientSampleId :

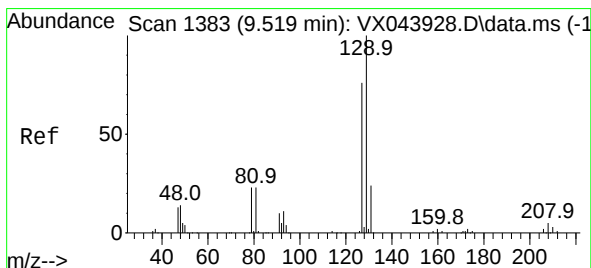
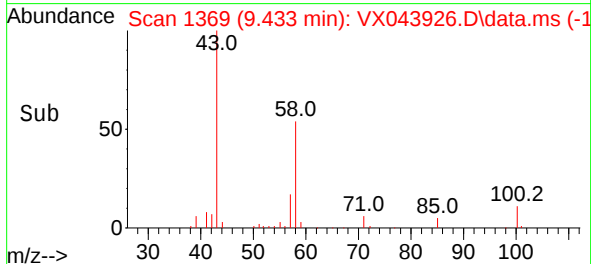
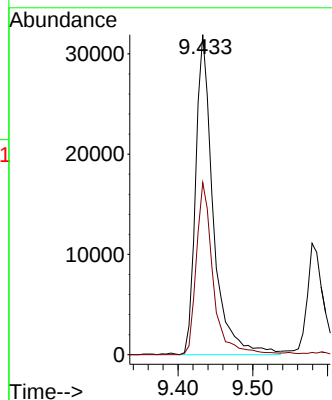
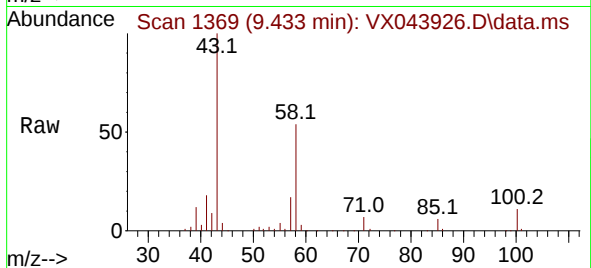
VSTDICC005

Tgt Ion: 43 Resp: 52072

Ion Ratio Lower Upper

43 100

58 51.4 25.9 77.6



#60

Dibromochloromethane

Concen: 4.247 ug/l

RT: 9.518 min Scan# 1383

Delta R.T. -0.000 min

Lab File: VX043926.D

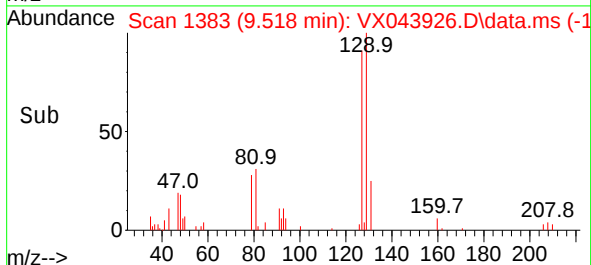
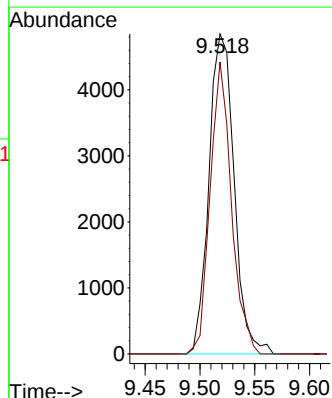
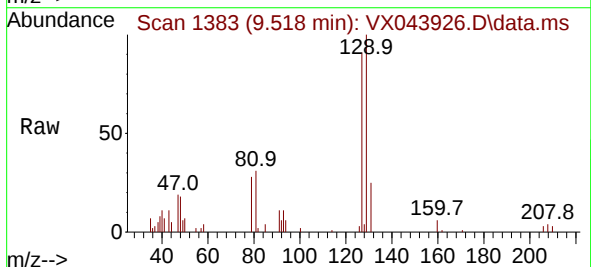
Acq: 21 Nov 2024 10:14

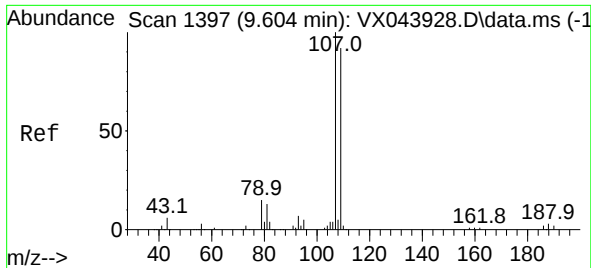
Tgt Ion: 129 Resp: 7738

Ion Ratio Lower Upper

129 100

127 77.4 38.2 114.6

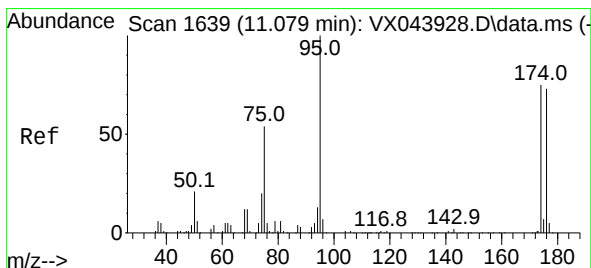
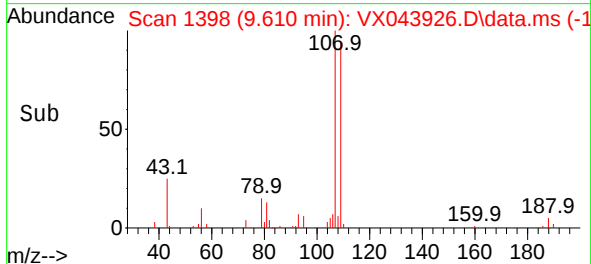
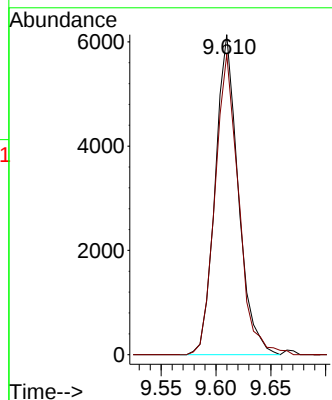
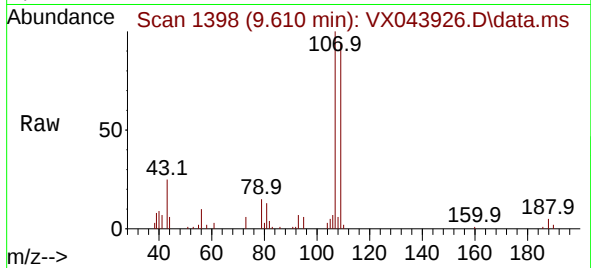




#61  
1,2-Dibromoethane  
Concen: 4.894 ug/l  
RT: 9.610 min Scan# 1397  
Delta R.T. 0.006 min  
Lab File: VX043926.D  
Acq: 21 Nov 2024 10:14

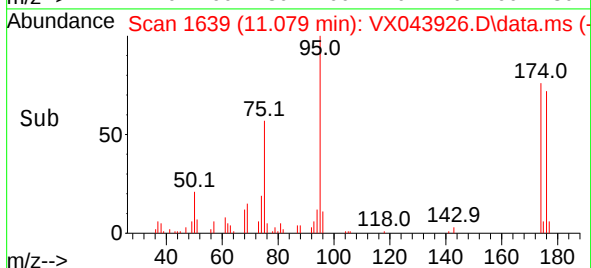
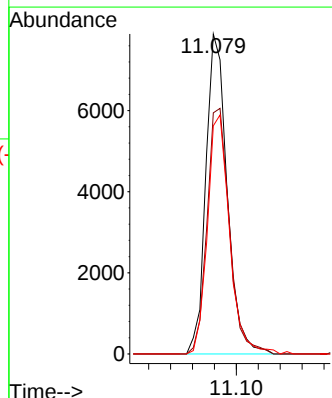
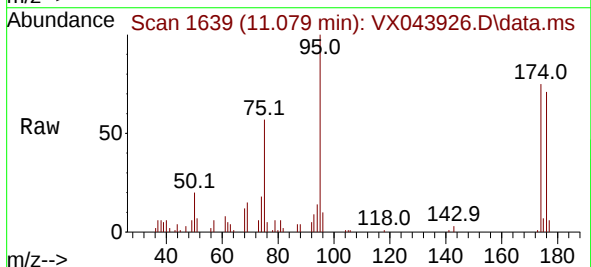
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC005

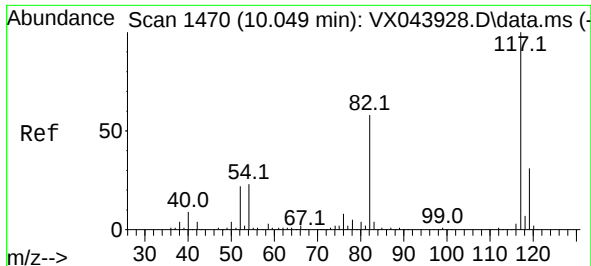
Tgt Ion:107 Resp: 8985  
Ion Ratio Lower Upper  
107 100  
109 96.2 75.2 112.8



#62  
4-Bromofluorobenzene  
Concen: 4.780 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. -0.000 min  
Lab File: VX043926.D  
Acq: 21 Nov 2024 10:14

Tgt Ion: 95 Resp: 10618  
Ion Ratio Lower Upper  
95 100  
174 80.9 0.0 150.4  
176 77.6 0.0 146.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1470

Delta R.T. 0.006 min

Lab File: VX043926.D

Acq: 21 Nov 2024 10:14

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC005

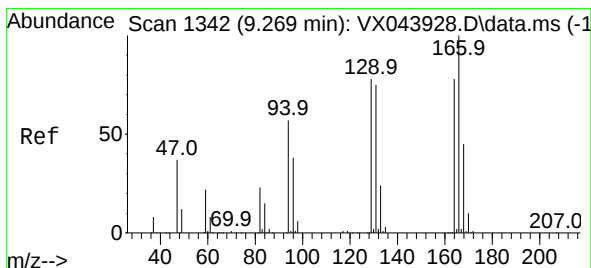
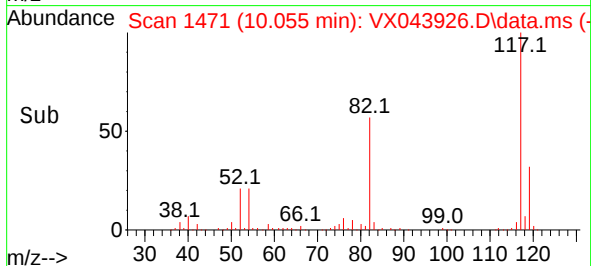
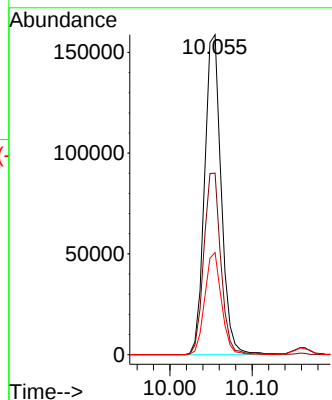
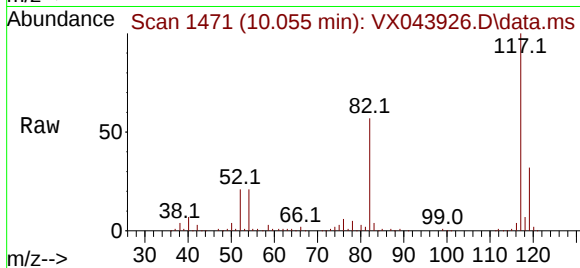
Tgt Ion:117 Resp: 223514

Ion Ratio Lower Upper

117 100

82 56.8 46.4 69.6

119 31.9 24.6 37.0



#64

Tetrachloroethene

Concen: 5.185 ug/l

RT: 9.274 min Scan# 1343

Delta R.T. 0.006 min

Lab File: VX043926.D

Acq: 21 Nov 2024 10:14

Tgt Ion:164 Resp: 7642

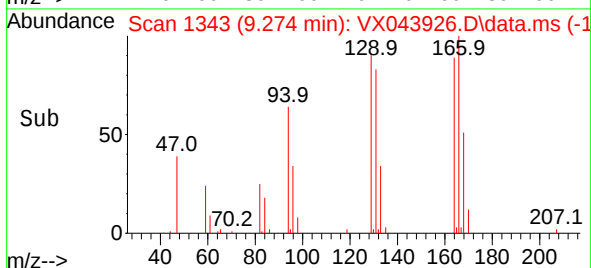
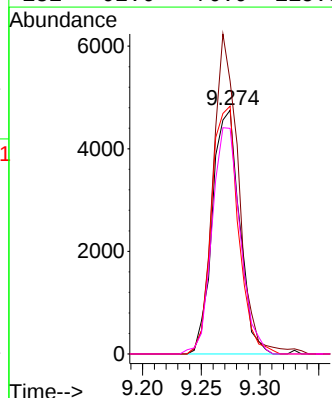
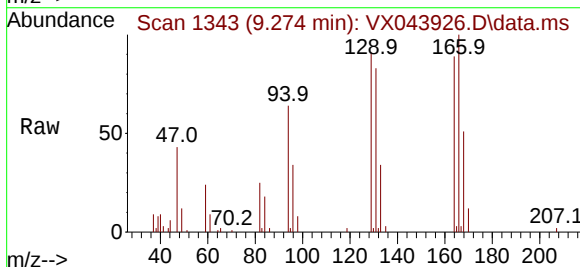
Ion Ratio Lower Upper

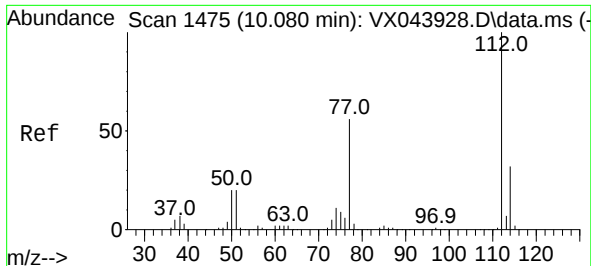
164 100

166 111.9 102.1 153.1

129 101.7 79.6 119.4

131 92.6 76.9 115.3

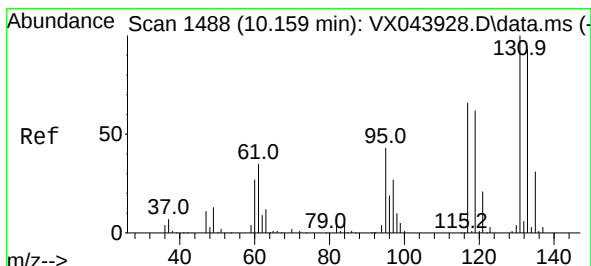
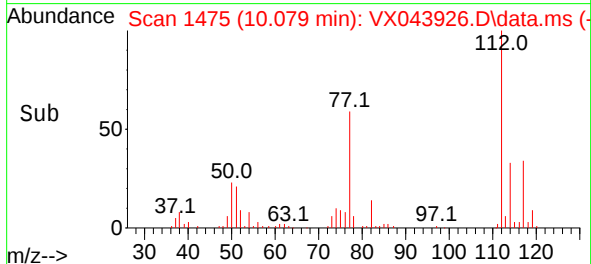
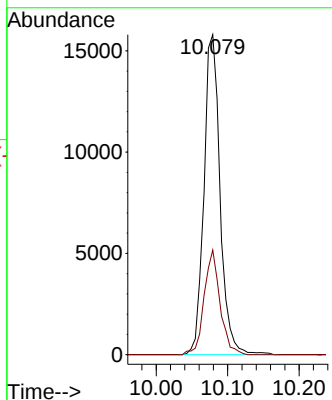
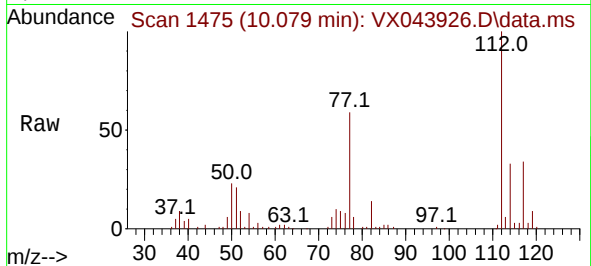




#65  
Chlorobenzene  
Concen: 5.050 ug/l  
RT: 10.079 min Scan# 1475  
Delta R.T. -0.000 min  
Lab File: VX043926.D  
Acq: 21 Nov 2024 10:14

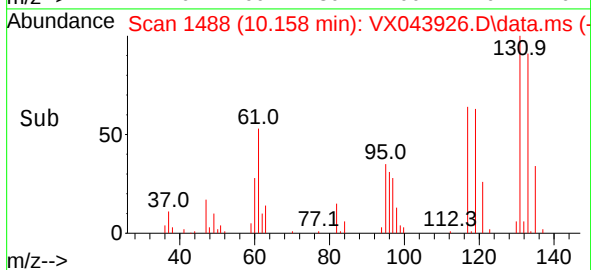
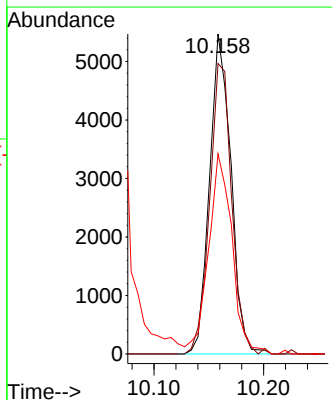
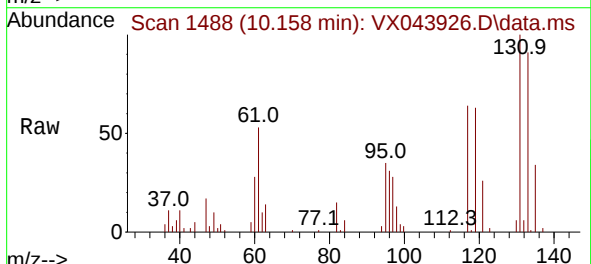
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC005

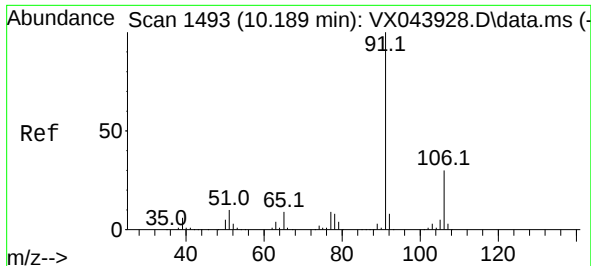
Tgt Ion:112 Resp: 24792  
Ion Ratio Lower Upper  
112 100  
114 32.7 25.4 38.0



#66  
1,1,1,2-Tetrachloroethane  
Concen: 4.661 ug/l  
RT: 10.158 min Scan# 1488  
Delta R.T. -0.000 min  
Lab File: VX043926.D  
Acq: 21 Nov 2024 10:14

Tgt Ion:131 Resp: 7421  
Ion Ratio Lower Upper  
131 100  
133 94.1 48.2 144.6  
119 68.3 31.5 94.5





#67

Ethyl Benzene

Concen: 4.920 ug/l

RT: 10.195 min Scan# 1493

Delta R.T. 0.006 min

Lab File: VX043926.D

Acq: 21 Nov 2024 10:14

Instrument :

MSVOA\_X

ClientSampleId :

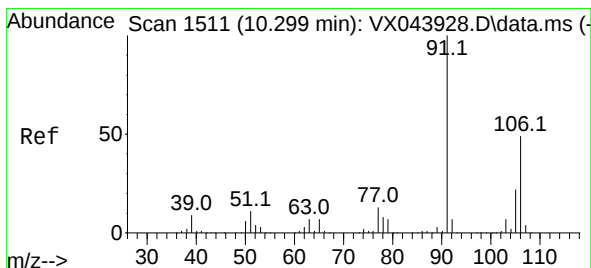
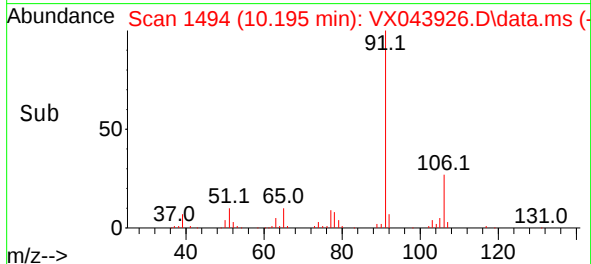
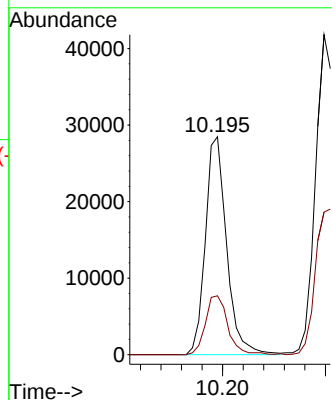
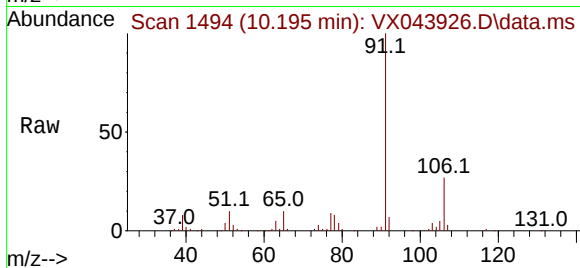
VSTDIC005

Tgt Ion: 91 Resp: 40927

Ion Ratio Lower Upper

91 100

106 27.0 23.6 35.4



#68

m/p-Xylenes

Concen: 9.553 ug/l

RT: 10.305 min Scan# 1512

Delta R.T. 0.006 min

Lab File: VX043926.D

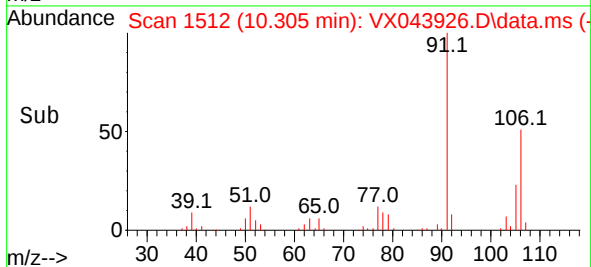
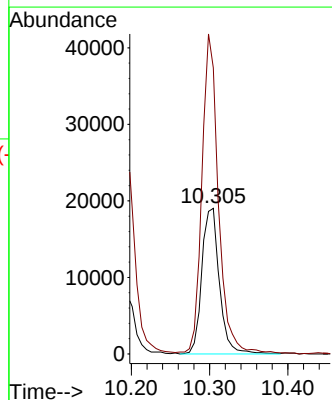
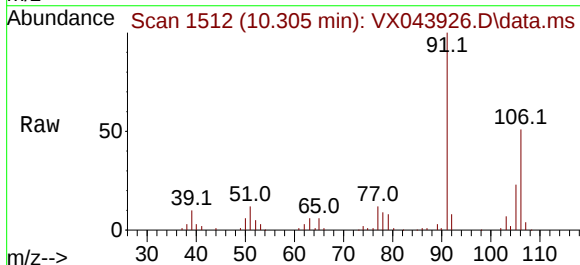
Acq: 21 Nov 2024 10:14

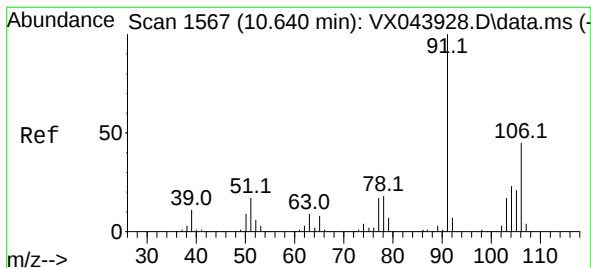
Tgt Ion:106 Resp: 29635

Ion Ratio Lower Upper

106 100

91 208.0 168.1 252.1

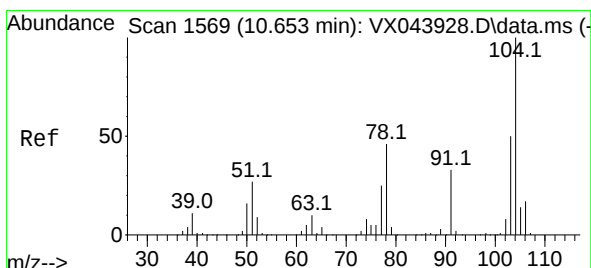
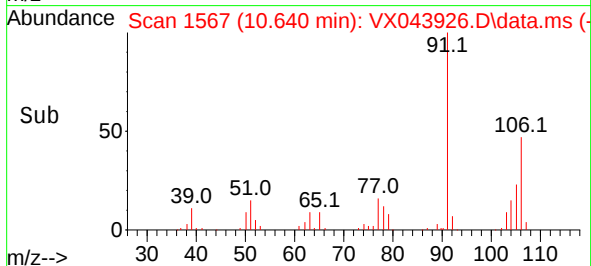
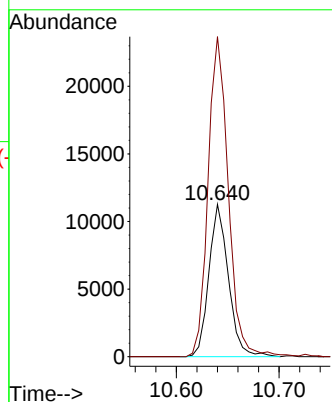
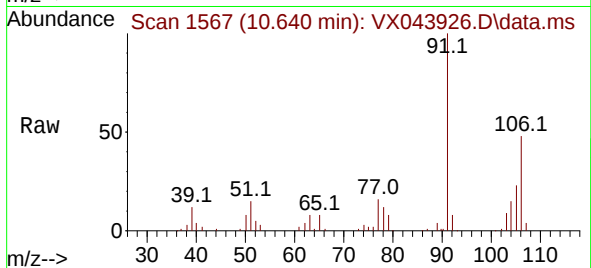




#69  
o-Xylene  
Concen: 4.905 ug/l  
RT: 10.640 min Scan# 1567  
Delta R.T. -0.000 min  
Lab File: VX043926.D  
Acq: 21 Nov 2024 10:14

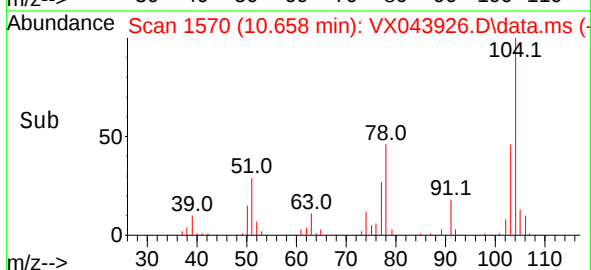
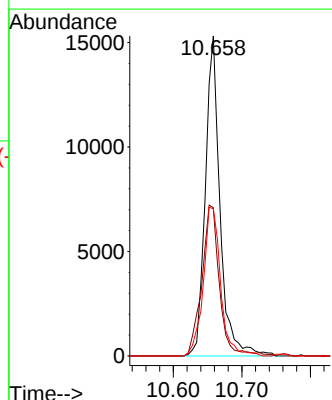
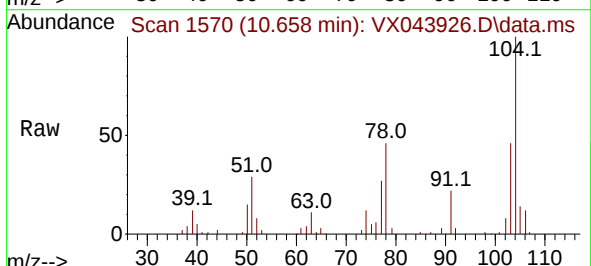
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICC005

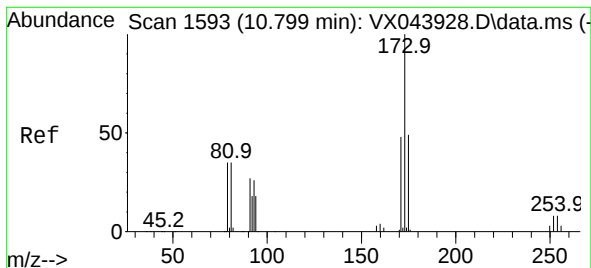
Tgt Ion:106 Resp: 14856  
Ion Ratio Lower Upper  
106 100  
91 217.8 110.2 330.6



#70  
Styrene  
Concen: 4.573 ug/l  
RT: 10.658 min Scan# 1570  
Delta R.T. 0.006 min  
Lab File: VX043926.D  
Acq: 21 Nov 2024 10:14

Tgt Ion:104 Resp: 22907  
Ion Ratio Lower Upper  
104 100  
78 56.4 42.2 63.2  
103 54.8 44.7 67.1





#71

Bromoform

Concen: 5.004 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX043926.D

Acq: 21 Nov 2024 10:14

Instrument :

MSVOA\_X

ClientSampleId :

VSTDICC005

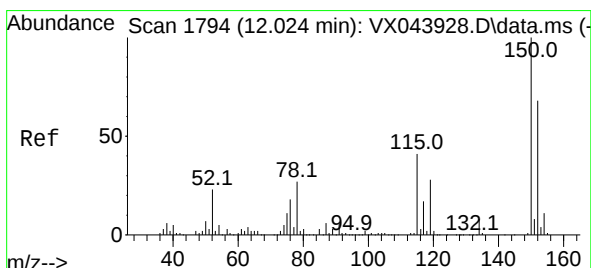
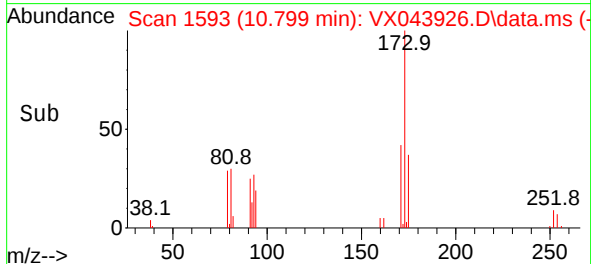
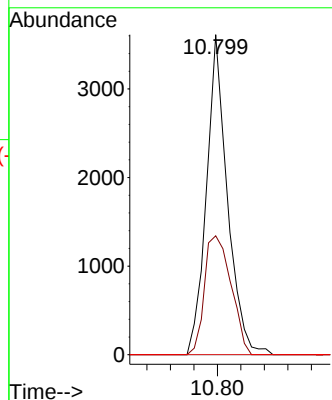
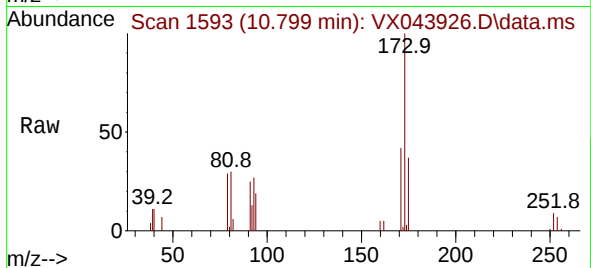
Tgt Ion:173 Resp: 4476

Ion Ratio Lower Upper

173 100

175 47.1 24.1 72.2

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. -0.000 min

Lab File: VX043926.D

Acq: 21 Nov 2024 10:14

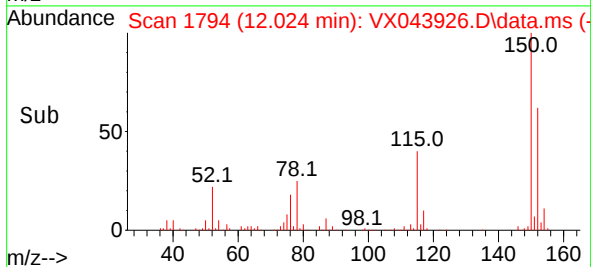
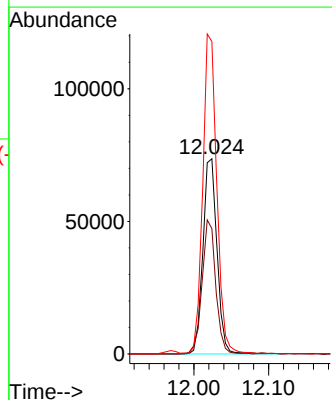
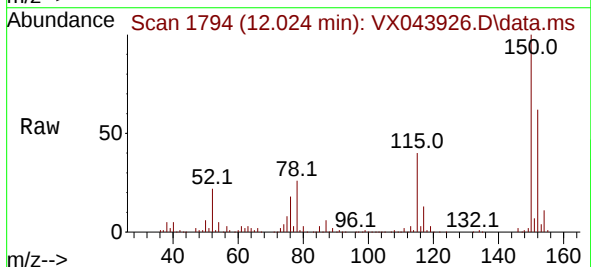
Tgt Ion:152 Resp: 96662

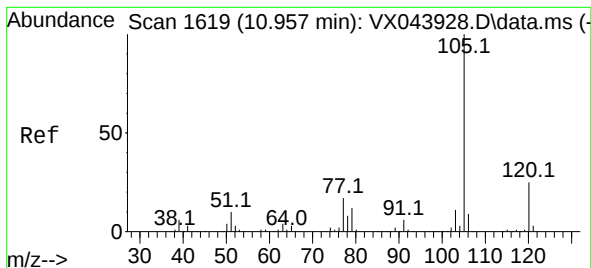
Ion Ratio Lower Upper

152 100

115 66.4 45.4 136.2

150 162.1 0.0 353.0





#73

Isopropylbenzene

Concen: 5.109 ug/l

RT: 10.957 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX043926.D

Acq: 21 Nov 2024 10:14

Instrument :

MSVOA\_X

ClientSampleId :

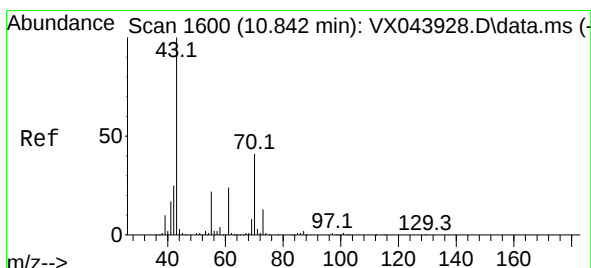
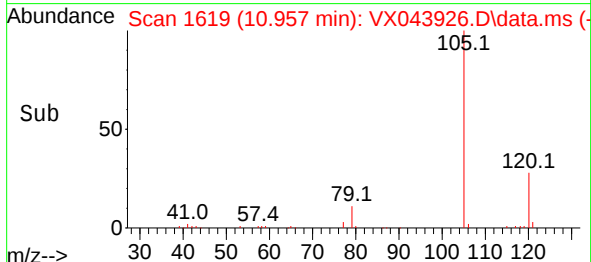
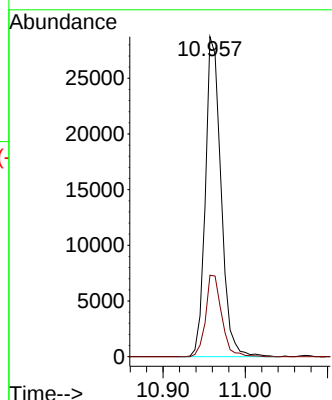
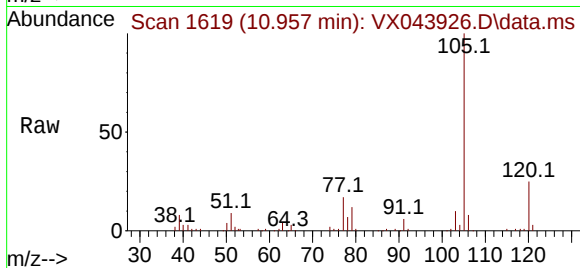
VSTDICC005

Tgt Ion:105 Resp: 37958

Ion Ratio Lower Upper

105 100

120 26.2 13.0 38.9



#74

N-ethyl acetate

Concen: 4.627 ug/l

RT: 10.841 min Scan# 1600

Delta R.T. -0.000 min

Lab File: VX043926.D

Acq: 21 Nov 2024 10:14

Tgt Ion: 43 Resp: 15928

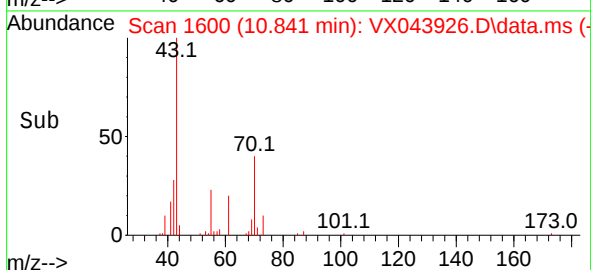
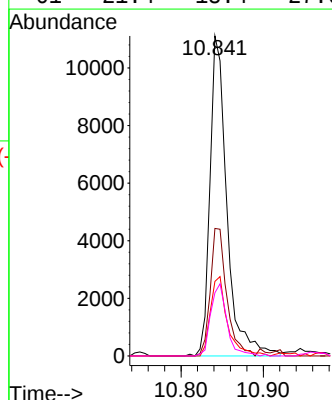
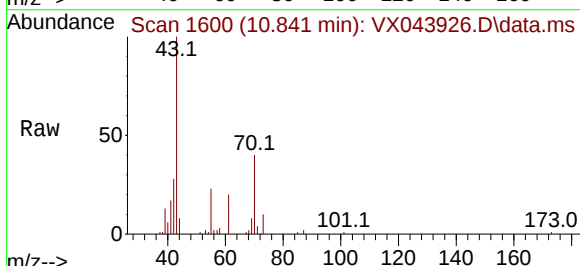
Ion Ratio Lower Upper

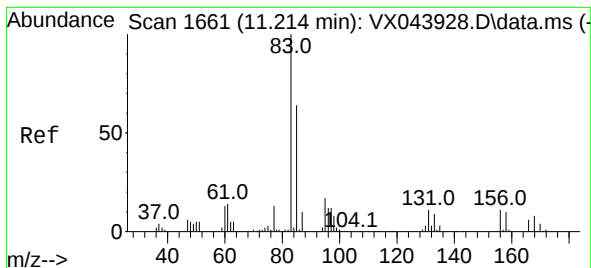
43 100

70 38.5 32.2 48.2

55 24.8 18.1 27.1

61 21.4 18.4 27.6





#75

1,1,2,2-Tetrachloroethane

Concen: 5.152 ug/l

RT: 11.213 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX043926.D

Acq: 21 Nov 2024 10:14

Instrument :

MSVOA\_X

ClientSampleId :

VSTDICC005

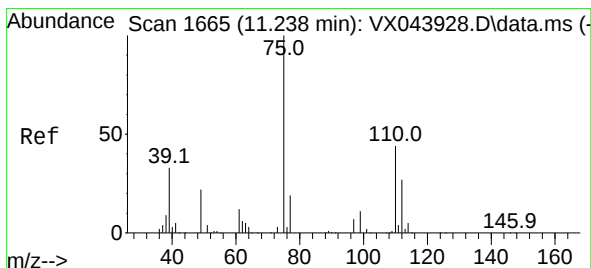
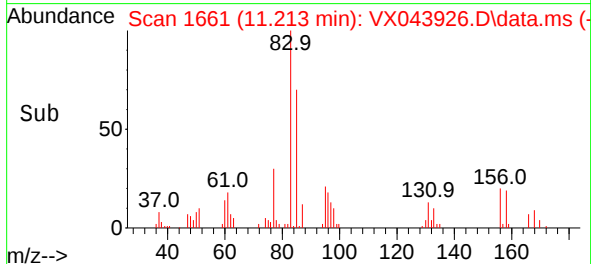
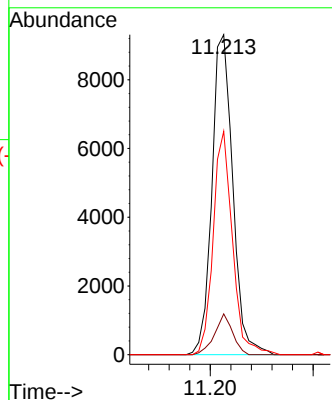
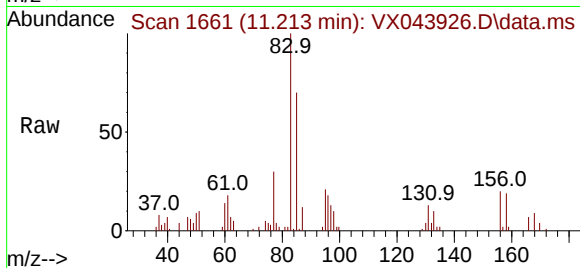
Tgt Ion: 83 Resp: 13107

Ion Ratio Lower Upper

83 100

131 11.0 5.1 15.2

85 64.3 32.2 96.6



#76

1,2,3-Trichloropropane

Concen: 7.062 ug/l

RT: 11.237 min Scan# 1665

Delta R.T. -0.000 min

Lab File: VX043926.D

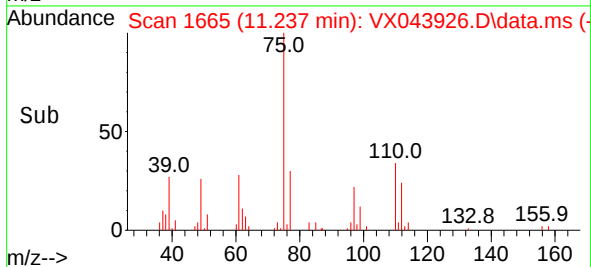
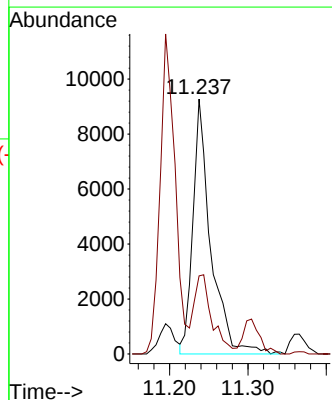
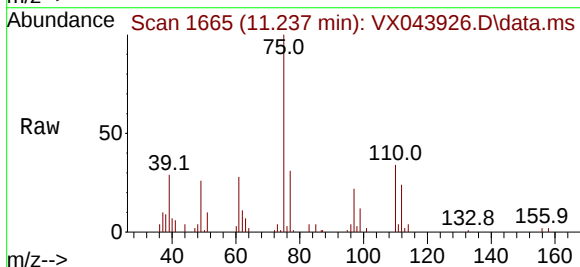
Acq: 21 Nov 2024 10:14

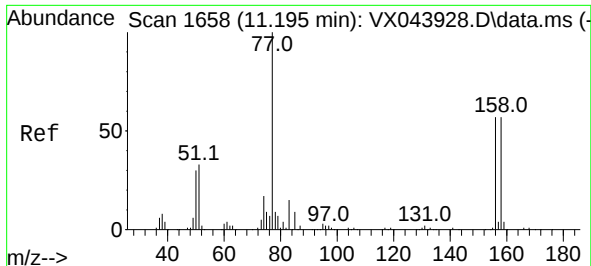
Tgt Ion: 75 Resp: 14721

Ion Ratio Lower Upper

75 100

77 30.5 21.8 65.3

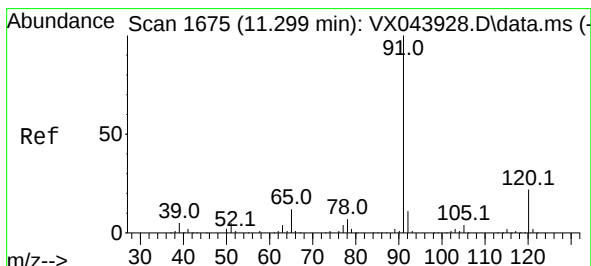
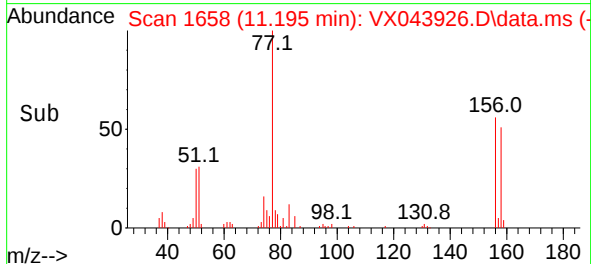
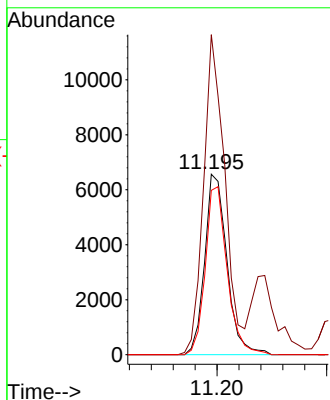
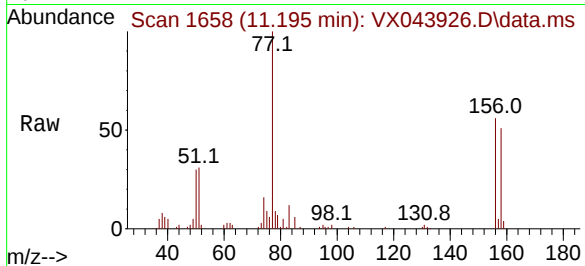




#77  
Bromobenzene  
Concen: 5.224 ug/l  
RT: 11.195 min Scan# 1658  
Delta R.T. -0.000 min  
Lab File: VX043926.D  
Acq: 21 Nov 2024 10:14

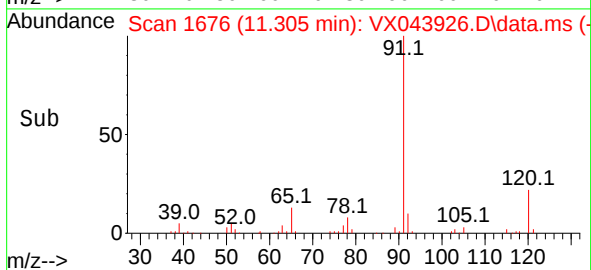
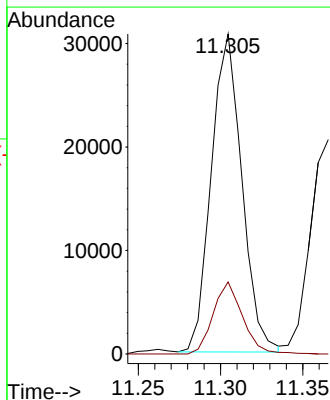
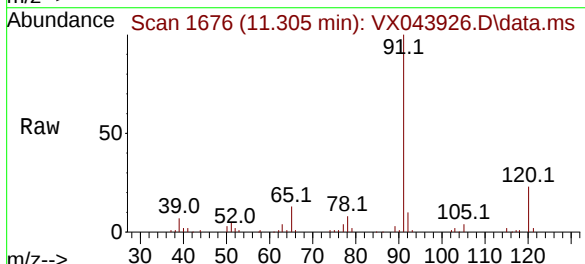
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC005

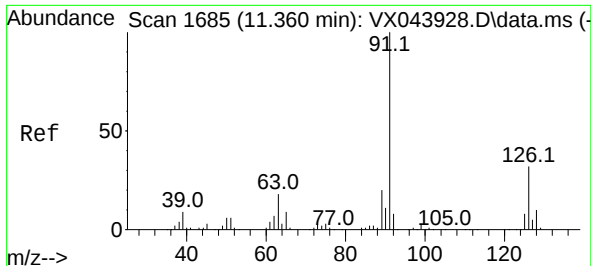
Tgt Ion:156 Resp: 9259  
Ion Ratio Lower Upper  
156 100  
77 169.5 83.4 250.1  
158 91.6 47.6 142.8



#78  
n-propylbenzene  
Concen: 4.793 ug/l  
RT: 11.305 min Scan# 1676  
Delta R.T. 0.006 min  
Lab File: VX043926.D  
Acq: 21 Nov 2024 10:14

Tgt Ion: 91 Resp: 39774  
Ion Ratio Lower Upper  
91 100  
120 21.7 11.5 34.4





#79

2-Chlorotoluene

Concen: 5.096 ug/l

RT: 11.366 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX043926.D

Acq: 21 Nov 2024 10:14

Instrument :

MSVOA\_X

ClientSampleId :

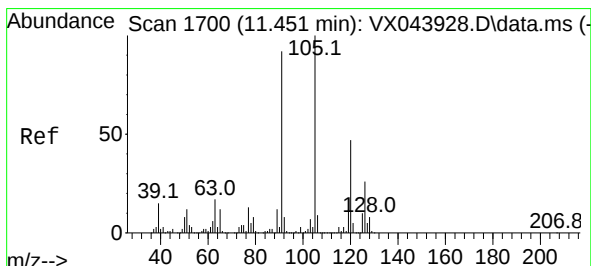
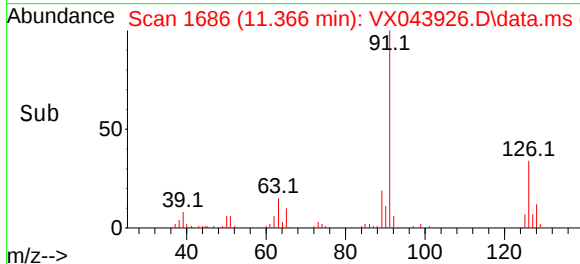
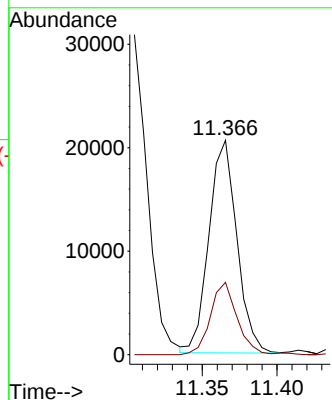
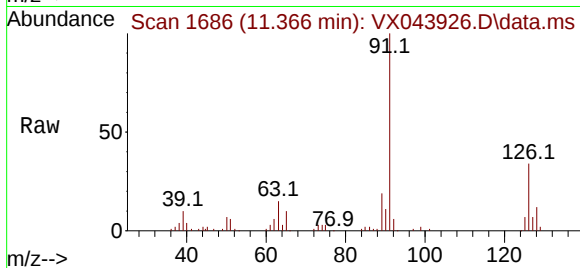
VSTDIC005

Tgt Ion: 91 Resp: 26740

Ion Ratio Lower Upper

91 100

126 32.7 16.6 49.8



#80

1,3,5-Trimethylbenzene

Concen: 4.926 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX043926.D

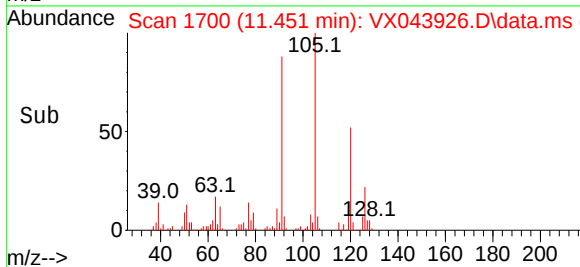
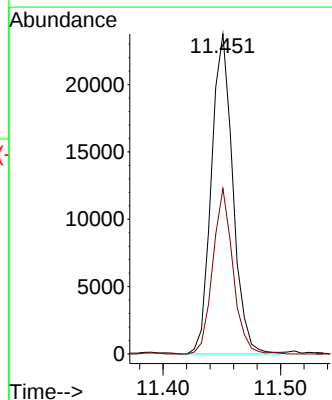
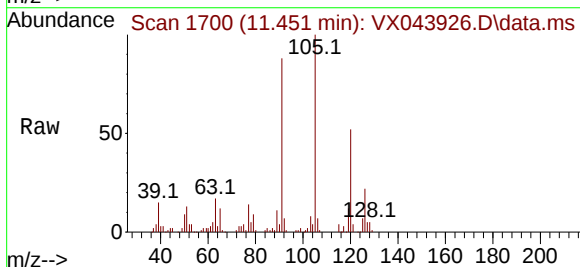
Acq: 21 Nov 2024 10:14

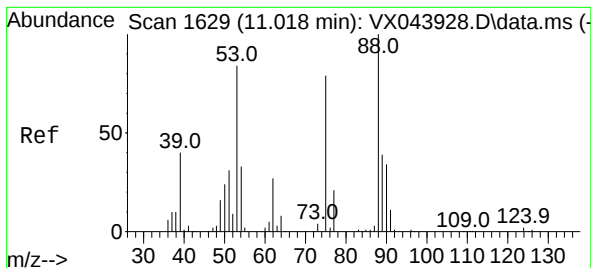
Tgt Ion:105 Resp: 30114

Ion Ratio Lower Upper

105 100

120 48.6 23.3 69.8

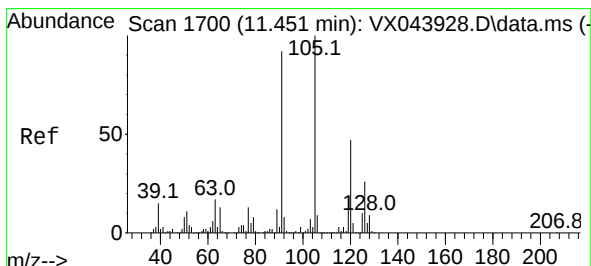
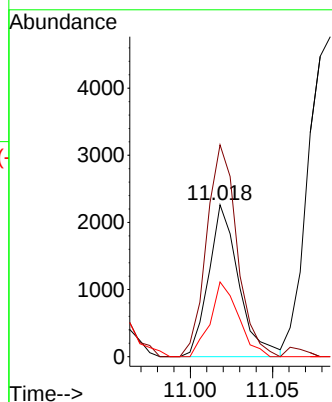
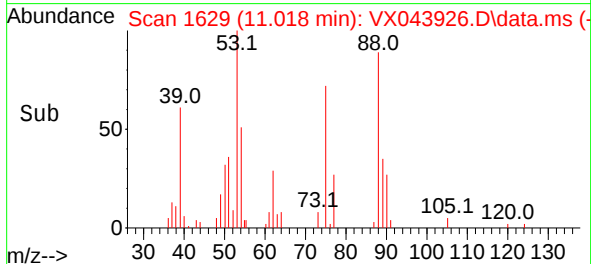
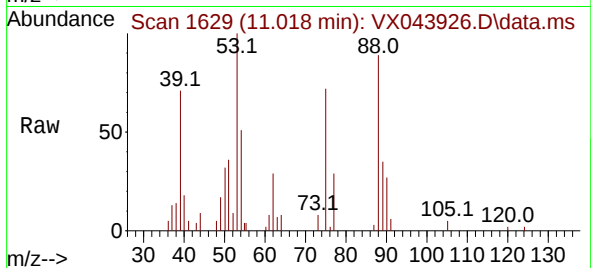




#81  
trans-1,4-Dichloro-2-butene  
Concen: 3.707 ug/l  
RT: 11.018 min Scan# 1629  
Delta R.T. -0.000 min  
Lab File: VX043926.D  
Acq: 21 Nov 2024 10:14

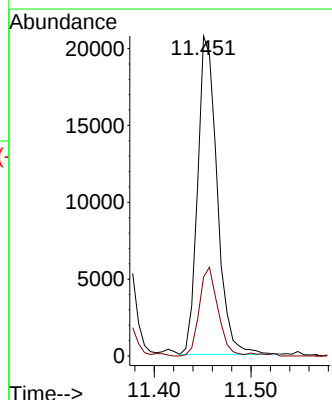
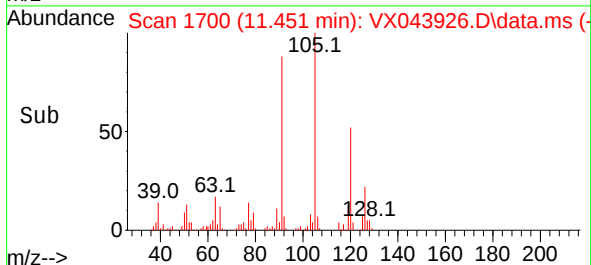
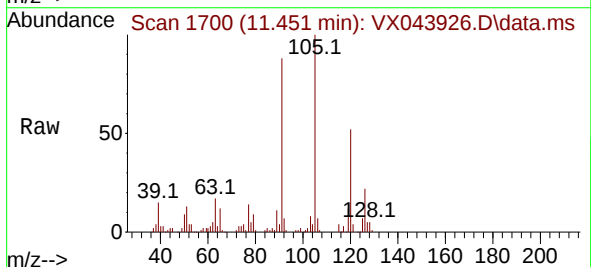
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICC005

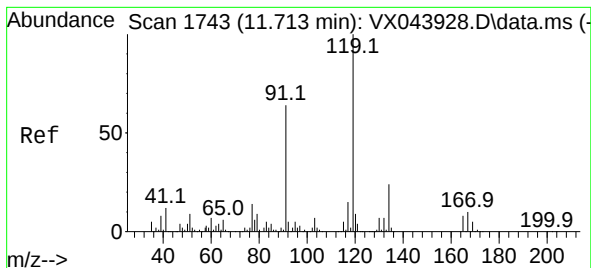
Tgt Ion: 75 Resp: 2880  
Ion Ratio Lower Upper  
75 100  
53 141.1 86.7 130.1#  
89 45.9 38.2 57.2



#82  
4-Chlorotoluene  
Concen: 4.903 ug/l  
RT: 11.451 min Scan# 1700  
Delta R.T. -0.000 min  
Lab File: VX043926.D  
Acq: 21 Nov 2024 10:14

Tgt Ion: 91 Resp: 29049  
Ion Ratio Lower Upper  
91 100  
126 26.7 14.3 42.9





#83

tert-Butylbenzene

Concen: 4.940 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. -0.000 min

Lab File: VX043926.D

Acq: 21 Nov 2024 10:14

Instrument :

MSVOA\_X

ClientSampleId :

VSTDICC005

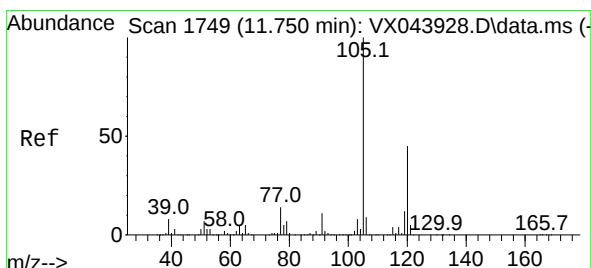
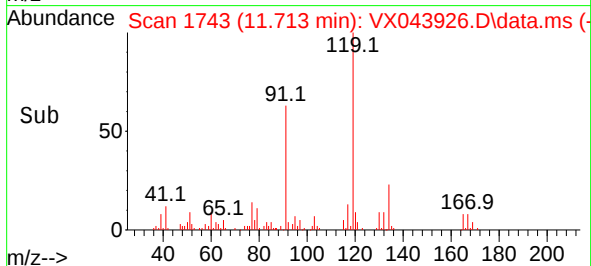
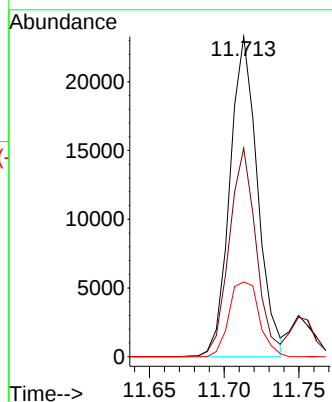
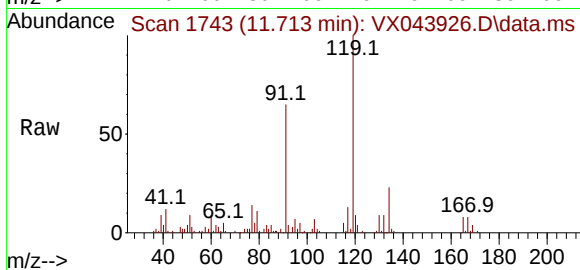
Tgt Ion:119 Resp: 29934

Ion Ratio Lower Upper

119 100

91 63.8 31.0 93.0

134 25.6 11.6 34.8



#84

1,2,4-Trimethylbenzene

Concen: 5.040 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX043926.D

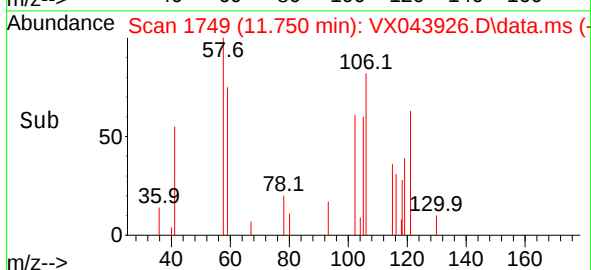
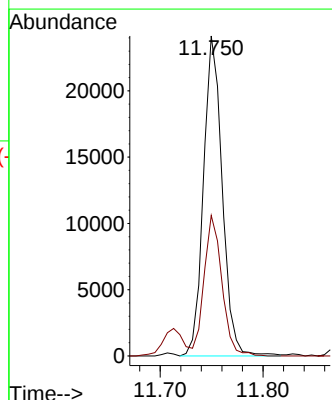
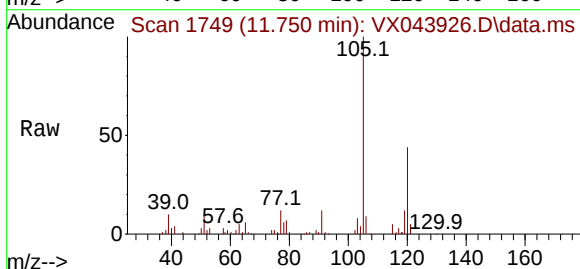
Acq: 21 Nov 2024 10:14

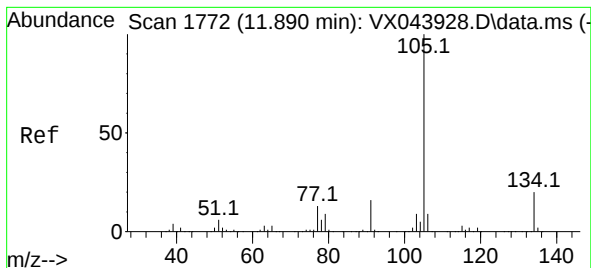
Tgt Ion:105 Resp: 30674

Ion Ratio Lower Upper

105 100

120 41.6 21.9 65.7





#85

sec-Butylbenzene

Concen: 5.105 ug/l

RT: 11.890 min Scan# 1772

Delta R.T. -0.000 min

Lab File: VX043926.D

Acq: 21 Nov 2024 10:14

Instrument :

MSVOA\_X

ClientSampleId :

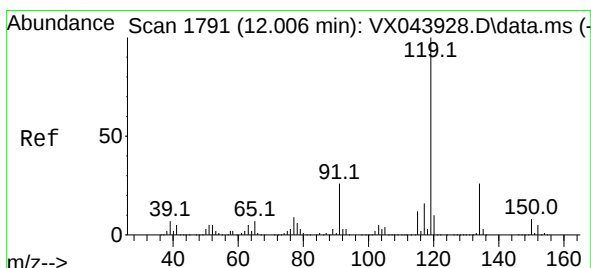
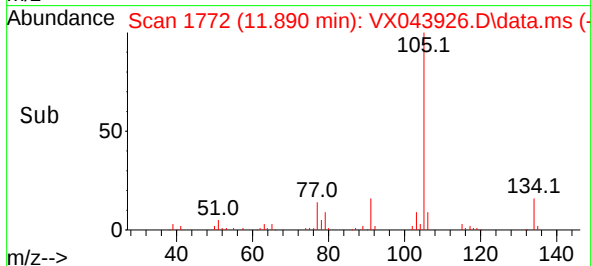
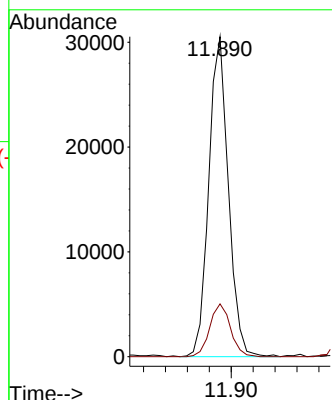
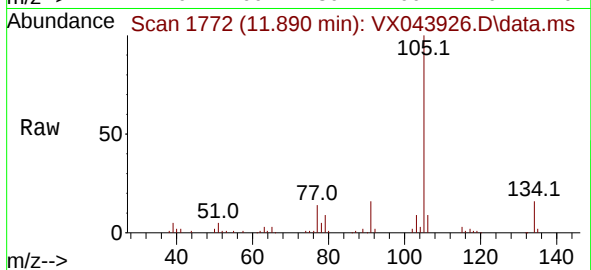
VSTDIC005

Tgt Ion:105 Resp: 37899

Ion Ratio Lower Upper

105 100

134 17.5 9.7 29.1



#86

p-Isopropyltoluene

Concen: 4.878 ug/l

RT: 12.006 min Scan# 1791

Delta R.T. -0.000 min

Lab File: VX043926.D

Acq: 21 Nov 2024 10:14

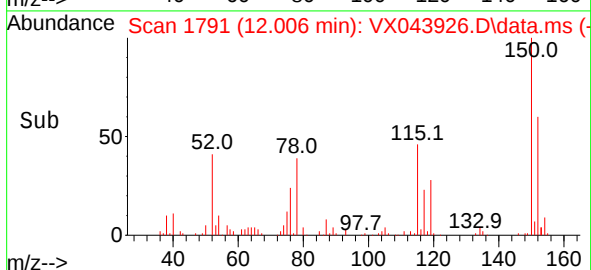
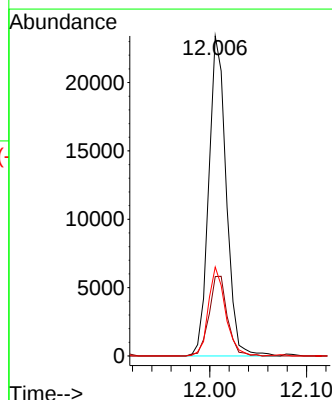
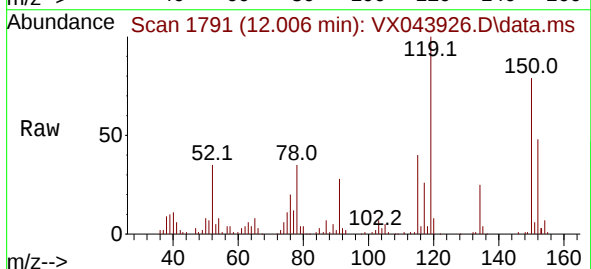
Tgt Ion:119 Resp: 29412

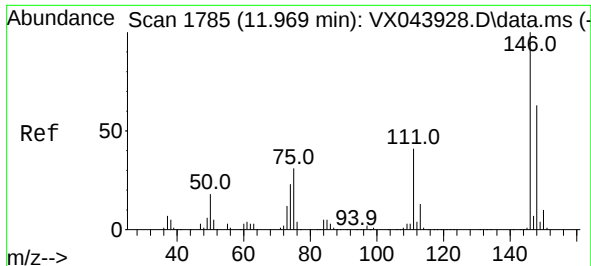
Ion Ratio Lower Upper

119 100

134 26.2 13.0 38.9

91 27.3 13.0 38.9





#87

1,3-Dichlorobenzene

Concen: 4.959 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX043926.D

Acq: 21 Nov 2024 10:14

Instrument :

MSVOA\_X

ClientSampleId :

VSTDICC005

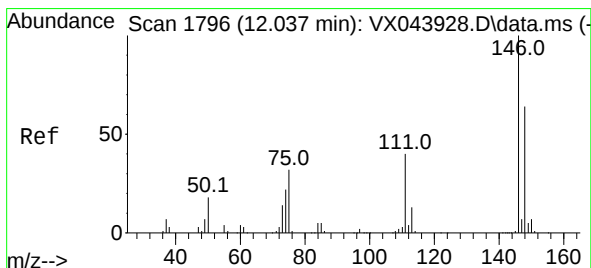
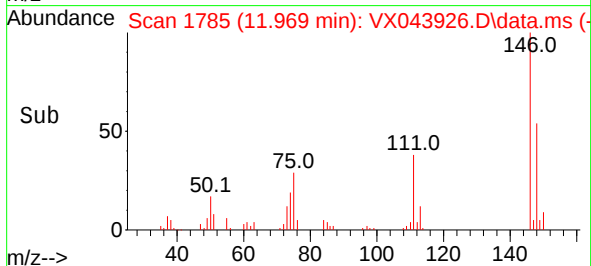
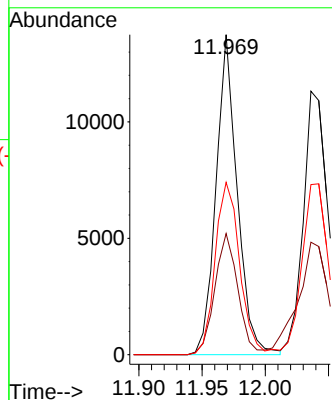
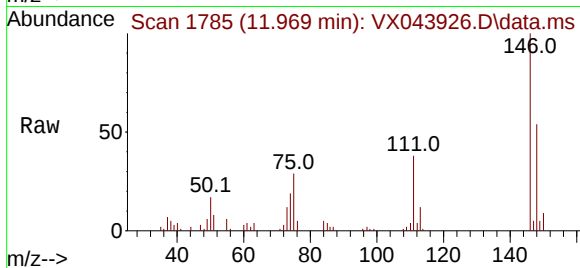
Tgt Ion:146 Resp: 16008

Ion Ratio Lower Upper

146 100

111 41.4 21.1 63.3

148 62.9 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 4.831 ug/l

RT: 12.036 min Scan# 1796

Delta R.T. -0.000 min

Lab File: VX043926.D

Acq: 21 Nov 2024 10:14

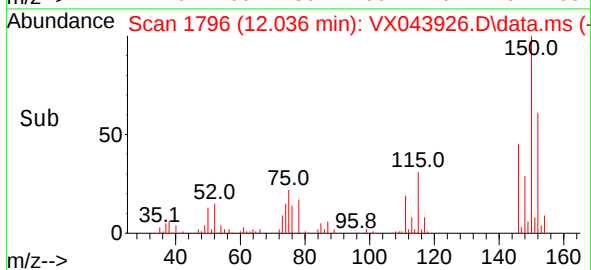
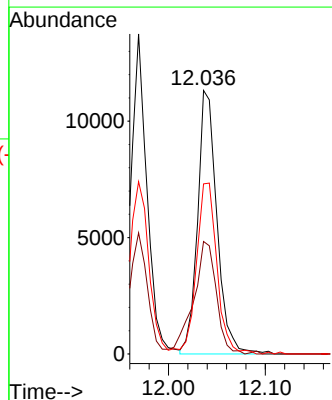
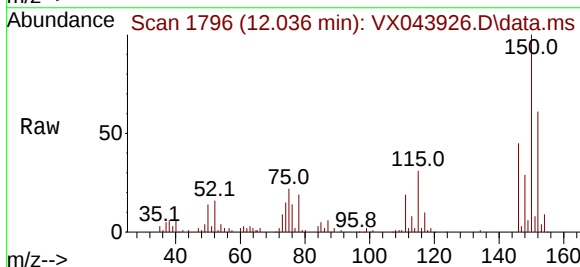
Tgt Ion:146 Resp: 15837

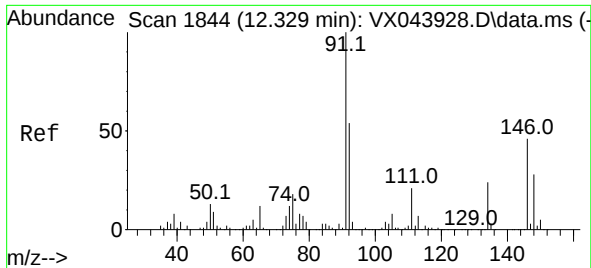
Ion Ratio Lower Upper

146 100

111 50.2 20.1 60.3

148 67.9 30.9 92.8





#89

n-Butylbenzene

Concen: 4.691 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.006 min

Lab File: VX043926.D

Acq: 21 Nov 2024 10:14

Instrument :

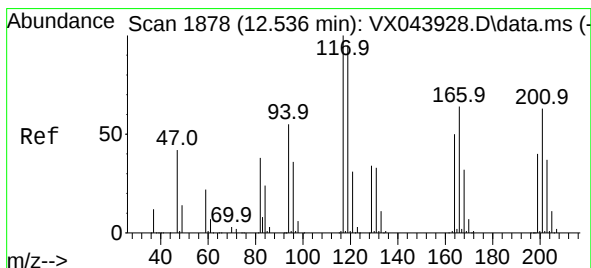
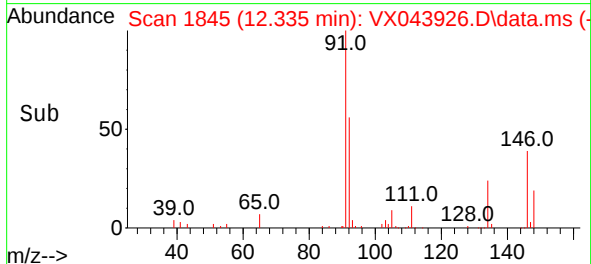
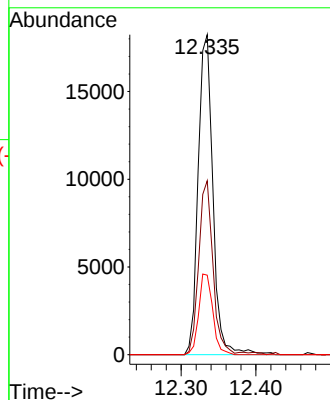
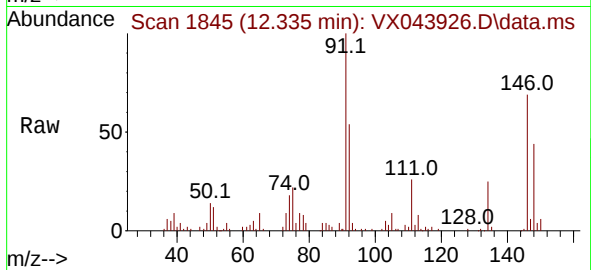
MSVOA\_X

ClientSampleId :

VSTDICC005

Tgt Ion: 91 Resp: 24938

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 91  | 100   |       |       |
| 92  | 52.4  | 26.6  | 79.8  |
| 134 | 23.9  | 12.4  | 37.2  |



#90

Hexachloroethane

Concen: 4.173 ug/l

RT: 12.536 min Scan# 1878

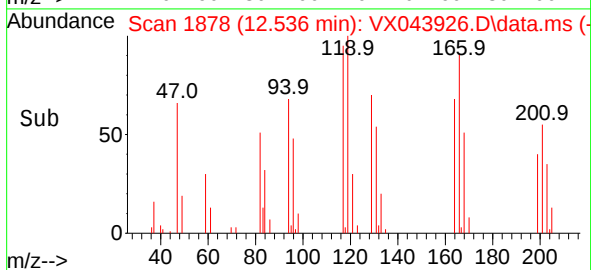
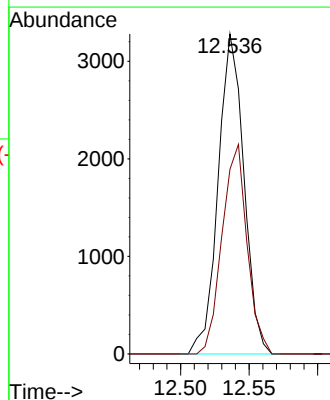
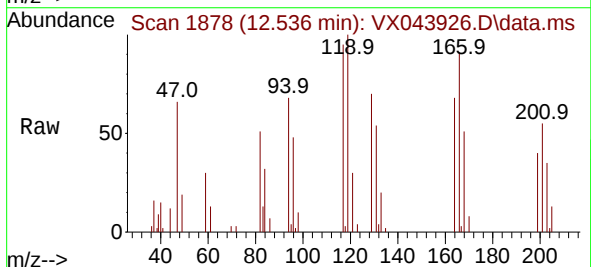
Delta R.T. -0.000 min

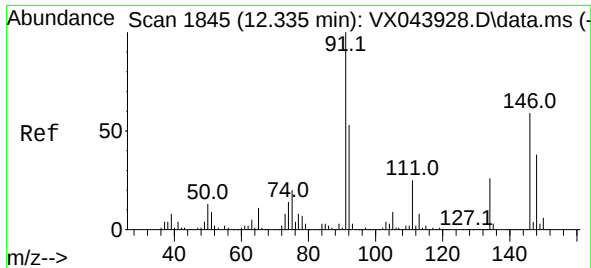
Lab File: VX043926.D

Acq: 21 Nov 2024 10:14

Tgt Ion: 117 Resp: 4279

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 117 | 100   |       |       |
| 201 | 63.6  | 32.4  | 97.0  |

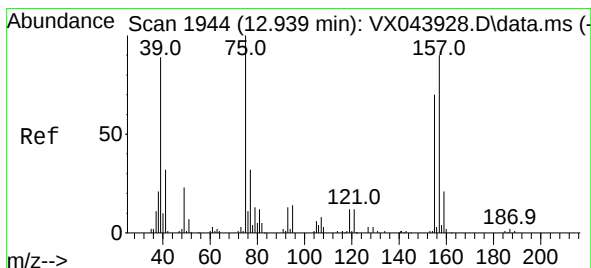
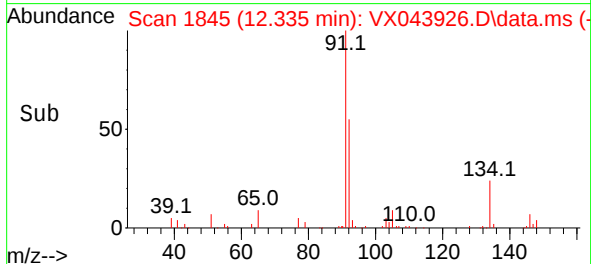
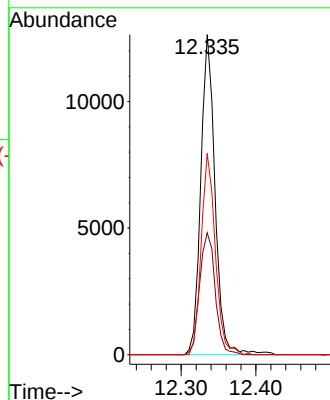
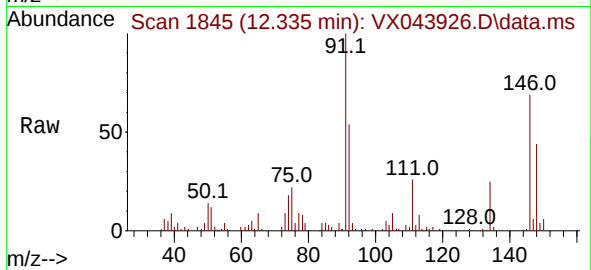




#91  
1,2-Dichlorobenzene  
Concen: 5.140 ug/l  
RT: 12.335 min Scan# 1845  
Delta R.T. -0.000 min  
Lab File: VX043926.D  
Acq: 21 Nov 2024 10:14

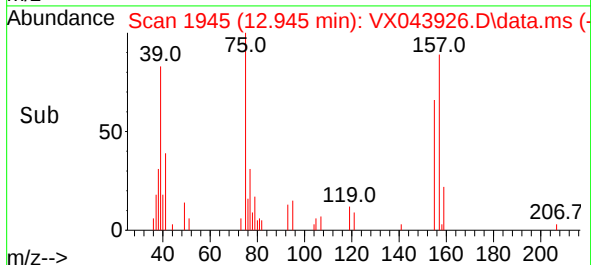
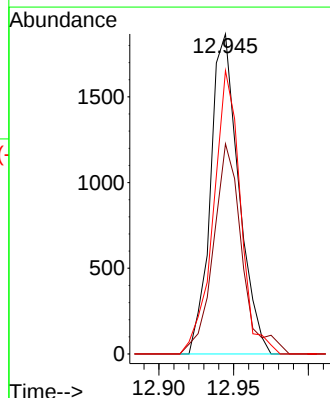
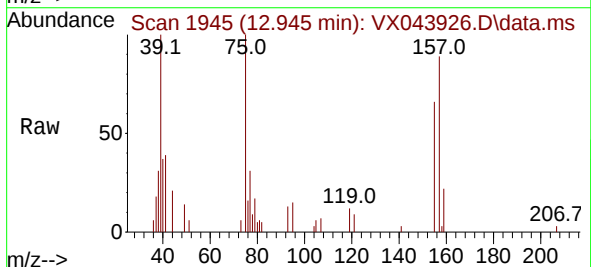
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICC005

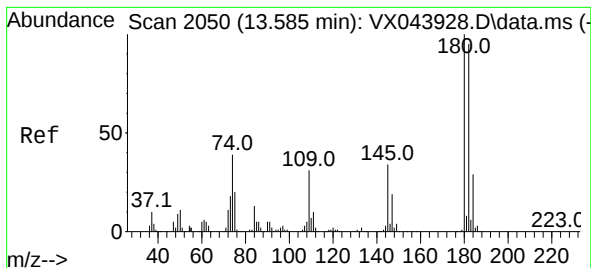
Tgt Ion:146 Resp: 16747  
Ion Ratio Lower Upper  
146 100  
111 41.5 21.5 64.5  
148 62.4 31.9 95.5



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 4.814 ug/l  
RT: 12.945 min Scan# 1945  
Delta R.T. 0.006 min  
Lab File: VX043926.D  
Acq: 21 Nov 2024 10:14

Tgt Ion: 75 Resp: 2454  
Ion Ratio Lower Upper  
75 100  
155 66.2 40.1 120.2  
157 84.5 49.6 149.0





#93

1,2,4-Trichlorobenzene

Concen: 4.553 ug/l

RT: 13.591 min Scan# 2050

Delta R.T. 0.006 min

Lab File: VX043926.D

Acq: 21 Nov 2024 10:14

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC005

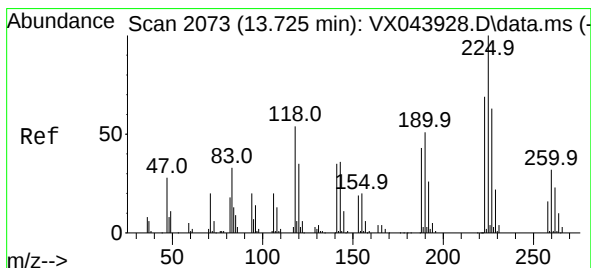
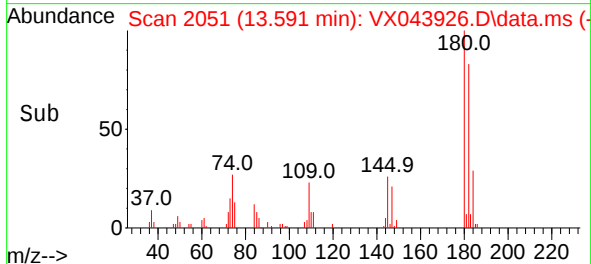
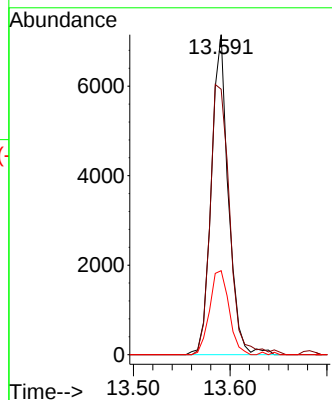
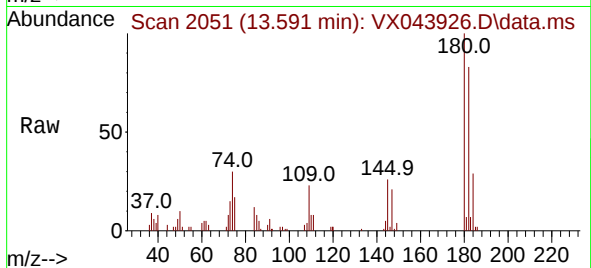
Tgt Ion:180 Resp: 8746

Ion Ratio Lower Upper

180 100

182 96.9 48.0 144.2

145 30.0 16.8 50.4



#94

Hexachlorobutadiene

Concen: 4.891 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. -0.000 min

Lab File: VX043926.D

Acq: 21 Nov 2024 10:14

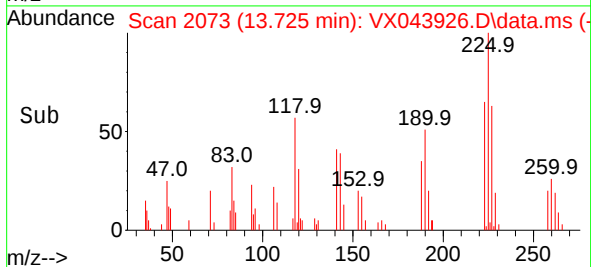
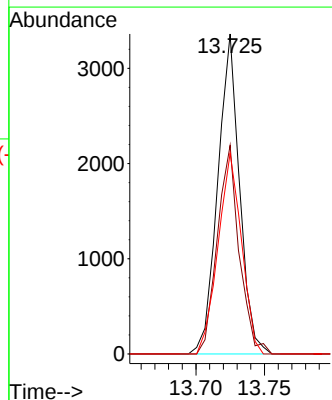
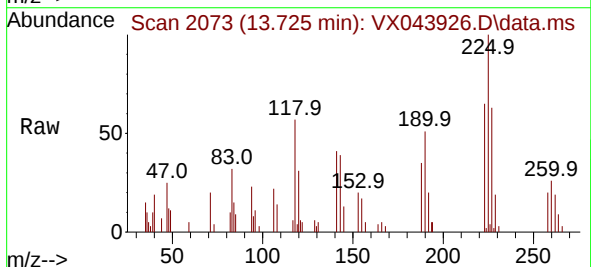
Tgt Ion:225 Resp: 3713

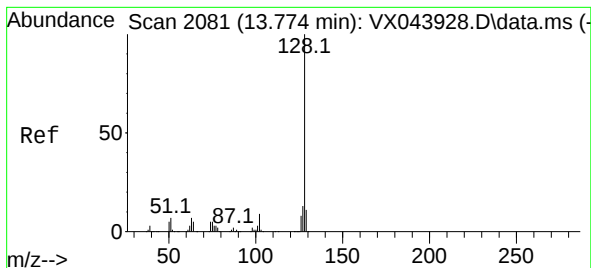
Ion Ratio Lower Upper

225 100

223 65.4 32.9 98.6

227 67.5 31.6 94.8





#95

Naphthalene

Concen: 4.698 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX043926.D

Acq: 21 Nov 2024 10:14

Instrument :

MSVOA\_X

ClientSampleId :

VSTDICC005

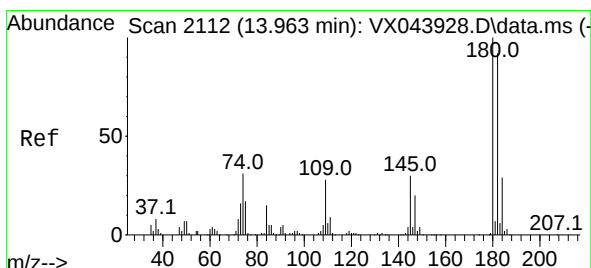
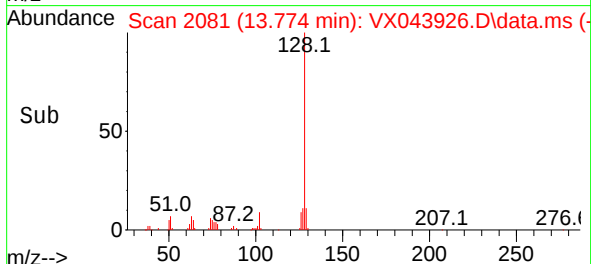
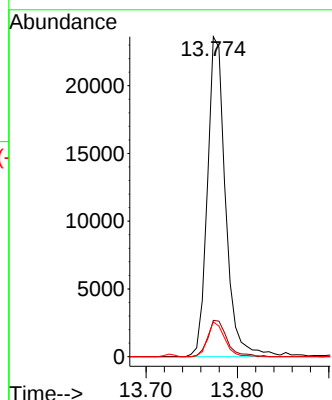
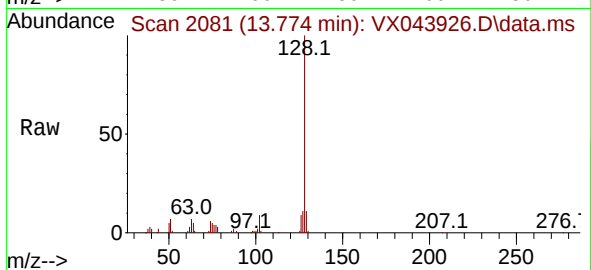
Tgt Ion:128 Resp: 32485

Ion Ratio Lower Upper

128 100

127 12.0 10.2 15.2

129 10.4 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 4.773 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. -0.000 min

Lab File: VX043926.D

Acq: 21 Nov 2024 10:14

Tgt Ion:180 Resp: 9280

Ion Ratio Lower Upper

180 100

182 86.7 45.6 136.8

145 32.7 16.4 49.4

