

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX120324\  
 Data File : VX044093.D  
 Acq On : 03 Dec 2024 15:19  
 Operator : JC/MD  
 Sample : P5006-05  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :

Quant Time: Dec 04 00:09:01 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X112124W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Nov 22 03:45:52 2024  
 Response via : Initial Calibration

| Compound                      | R.T.           | QIon | Response            | Conc   | Units  | Dev(Min) |
|-------------------------------|----------------|------|---------------------|--------|--------|----------|
| -----                         |                |      |                     |        |        |          |
| Internal Standards            |                |      |                     |        |        |          |
| 1) Pentafluorobenzene         | 5.544          | 168  | 106174              | 50.000 | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene       | 6.757          | 114  | 209275              | 50.000 | ug/l   | 0.00     |
| 63) Chlorobenzene-d5          | 10.049         | 117  | 186004              | 50.000 | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4    | 12.024         | 152  | 88193               | 50.000 | ug/l   | 0.00     |
| System Monitoring Compounds   |                |      |                     |        |        |          |
| 33) 1,2-Dichloroethane-d4     | 5.946          | 65   | 97257               | 53.407 | ug/l   | 0.00     |
| Spiked Amount 50.000          | Range 74 - 125 |      | Recovery = 106.820% |        |        |          |
| 35) Dibromofluoromethane      | 5.385          | 113  | 55581               | 37.169 | ug/l   | 0.00     |
| Spiked Amount 50.000          | Range 75 - 124 |      | Recovery = 74.340%# |        |        |          |
| 50) Toluene-d8                | 8.647          | 98   | 257920              | 50.036 | ug/l   | 0.00     |
| Spiked Amount 50.000          | Range 86 - 113 |      | Recovery = 100.080% |        |        |          |
| 62) 4-Bromofluorobenzene      | 11.079         | 95   | 93696               | 53.410 | ug/l   | 0.00     |
| Spiked Amount 50.000          | Range 77 - 121 |      | Recovery = 106.820% |        |        |          |
| Target Compounds              |                |      |                     |        |        |          |
|                               |                |      |                     |        | Qvalue |          |
| 4) Vinyl Chloride             | 1.374          | 62   | 377                 | 0.250  | ug/l # | 42       |
| 5) Bromomethane               | 1.587          | 94   | 326                 | 0.352  | ug/l # | 3        |
| 11) Tert butyl alcohol        | 2.983          | 59   | 237                 | 0.811  | ug/l # | 73       |
| 13) Acrolein                  | 2.227          | 56   | 167                 | 0.542  | ug/l # | 35       |
| 15) Acrylonitrile             | 3.075          | 53   | 170                 | 0.239  | ug/l # | 64       |
| 16) Acetone                   | 2.380          | 43   | 13915               | 16.637 | ug/l   | 97       |
| 17) Carbon Disulfide          | 2.502          | 76   | 881                 | 0.349  | ug/l # | 76       |
| 18) Methyl Acetate            | 2.703          | 43   | 527                 | 0.271  | ug/l # | 52       |
| 20) Methylene Chloride        | 2.782          | 84   | 926                 | 0.652  | ug/l # | 82       |
| 25) 2-Butanone                | 4.593          | 43   | 2211                | 2.049  | ug/l   | 96       |
| 27) cis-1,2-Dichloroethene    | 4.489          | 96   | 2079                | 1.332  | ug/l   | 87       |
| 29) Tetrahydrofuran           | 5.038          | 42   | 831                 | 1.256  | ug/l # | 44       |
| 31) Cyclohexane               | 5.544          | 56   | 3614                | 1.781  | ug/l # | 34       |
| 36) 1,1-Dichloropropene       | 5.550          | 75   | 10688               | 5.736  | ug/l # | 46       |
| 38) Carbon Tetrachloride      | 5.550          | 117  | 12718               | 6.074  | ug/l # | 17       |
| 40) Benzene                   | 6.044          | 78   | 9232                | 1.591  | ug/l # | 85       |
| 51) 4-Methyl-2-Pentanone      | 8.574          | 43   | 1167                | 0.519  | ug/l   | 88       |
| 52) Toluene                   | 8.714          | 92   | 3450                | 0.993  | ug/l   | 92       |
| 67) Ethyl Benzene             | 10.189         | 91   | 301384              | 43.538 | ug/l   | 98       |
| 68) m/p-Xylenes               | 10.305         | 106  | 32160               | 12.458 | ug/l   | 100      |
| 69) o-Xylene                  | 10.640         | 106  | 19195               | 7.616  | ug/l   | 100      |
| 70) Styrene                   | 10.647         | 104  | 1662                | 0.399  | ug/l # | 1        |
| 71) Bromoform                 | 10.805         | 173  | 85                  | 1.292  | ug/l # | 29       |
| 73) Isopropylbenzene          | 10.964         | 105  | 35368               | 5.217  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 11.079         | 75   | 53756               | 27.794 | ug/l # | 34       |
| 78) n-propylbenzene           | 11.305         | 91   | 11594               | 1.531  | ug/l   | 93       |
| 79) 2-Chlorotoluene           | 11.396         | 91   | 7525                | 1.572  | ug/l # | 49       |
| 80) 1,3,5-Trimethylbenzene    | 11.451         | 105  | 27407               | 4.914  | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-b... | 11.079         | 75   | 53756               | 75.844 | ug/l # | 6        |
| 82) 4-Chlorotoluene           | 11.451         | 91   | 3884                | 0.719  | ug/l # | 49       |
| 83) tert-Butylbenzene         | 11.750         | 119  | 13690               | 2.476  | ug/l # | 49       |
| 84) 1,2,4-Trimethylbenzene    | 11.750         | 105  | 109305              | 19.685 | ug/l   | 99       |
| 85) sec-Butylbenzene          | 11.750         | 105  | 109305              | 16.138 | ug/l # | 57       |
| 86) p-Isopropyltoluene        | 12.006         | 119  | 4554                | 0.828  | ug/l # | 73       |
| 88) 1,4-Dichlorobenzene       | 12.037         | 146  | 614                 | 0.204  | ug/l # | 16       |
| 89) n-Butylbenzene            | 12.238         | 91   | 235570              | 48.564 | ug/l # | 44       |

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Operator : JC/MD  
Sample : P5006-05  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :

Quant Time: Dec 04 00:09:01 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X112124W.M  
Quant Title : SW846 8260  
QLast Update : Fri Nov 22 03:45:52 2024  
Response via : Initial Calibration

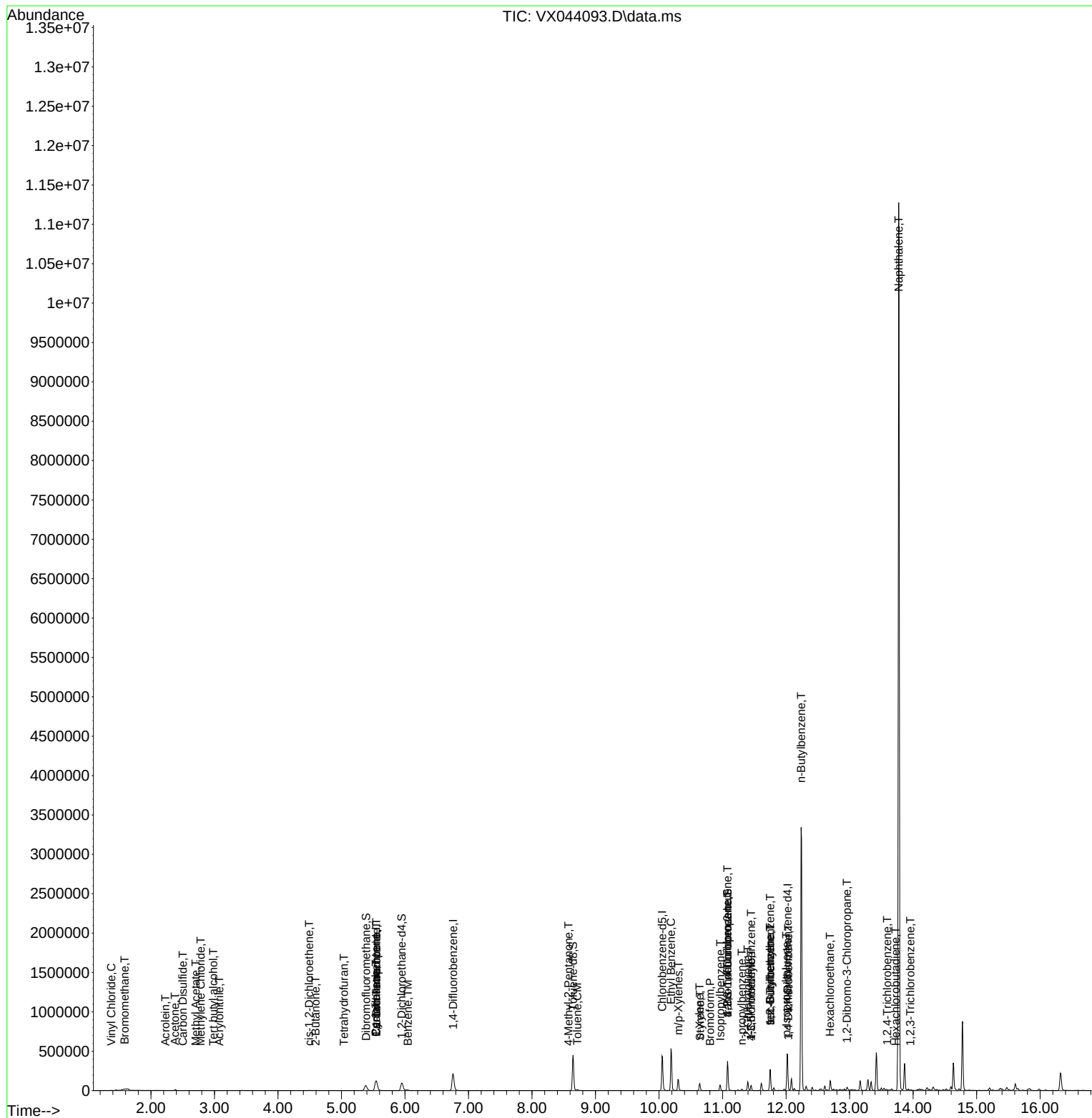
| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 90) Hexachloroethane          | 12.695 | 117  | 49666    | 53.088  | ug/l # | 18       |
| 92) 1,2-Dibromo-3-Chloropr... | 12.957 | 75   | 352      | 0.757   | ug/l # | 4        |
| 93) 1,2,4-Trichlorobenzene    | 13.591 | 180  | 473      | 0.270   | ug/l # | 42       |
| 94) Hexachlorobutadiene       | 13.725 | 225  | 163      | 0.235   | ug/l # | 57       |
| 95) Naphthalene               | 13.774 | 128  | 6221699  | 986.267 | ug/l   | 98       |
| 96) 1,2,3-Trichlorobenzene    | 13.957 | 180  | 619      | 0.349   | ug/l # | 6        |

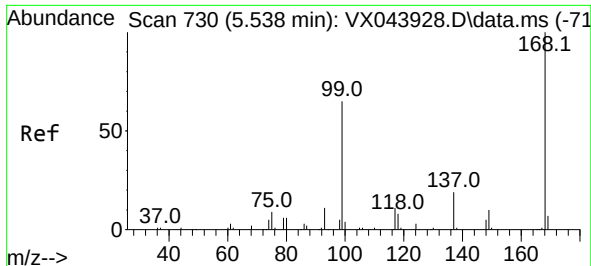
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 15 Sample Multiplier: 1

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X112124W.M  
Quant Title : SW846 8260  
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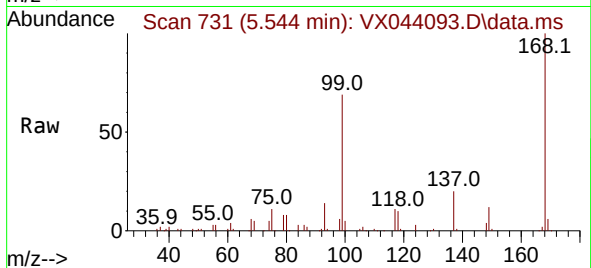


#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.544 min Scan# 71  
Delta R.T. 0.006 min  
Lab File: VX044093.D  
Acq: 03 Dec 2024 15:19

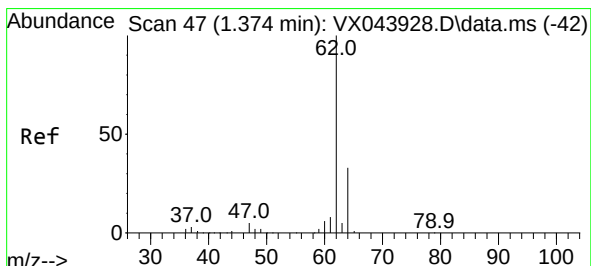
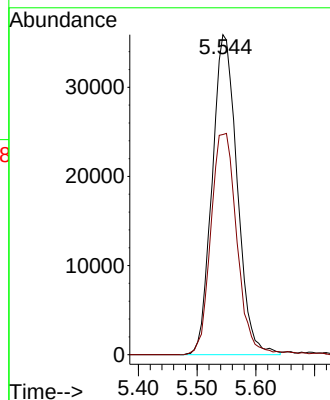
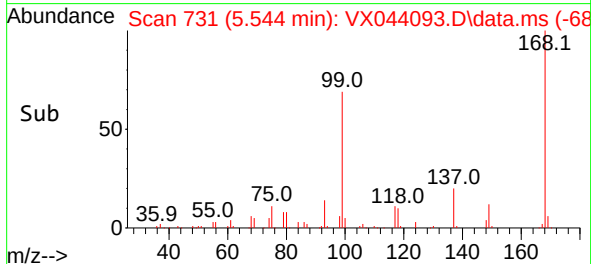
Instrument :

MSVOA\_X

ClientSampleId :

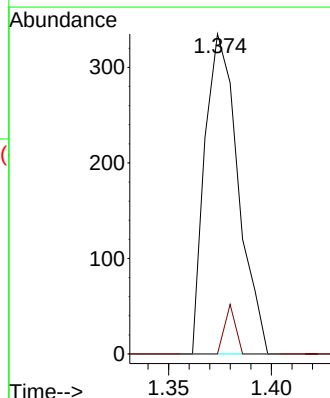
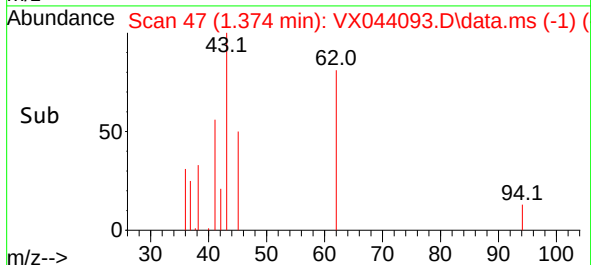
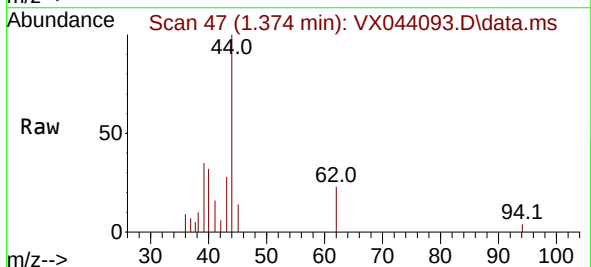


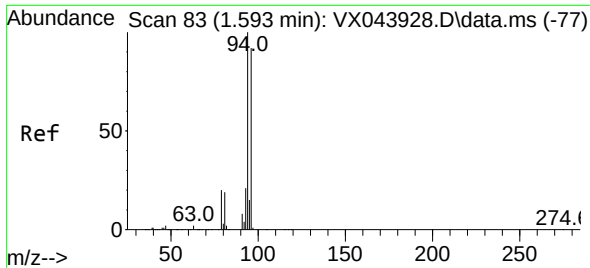
Tgt Ion:168 Resp: 106174  
Ion Ratio Lower Upper  
168 100  
99 68.8 51.8 77.8



#4  
Vinyl Chloride  
Concen: 0.250 ug/l  
RT: 1.374 min Scan# 47  
Delta R.T. -0.000 min  
Lab File: VX044093.D  
Acq: 03 Dec 2024 15:19

Tgt Ion: 62 Resp: 377  
Ion Ratio Lower Upper  
62 100  
64 0.0 26.2 39.4#

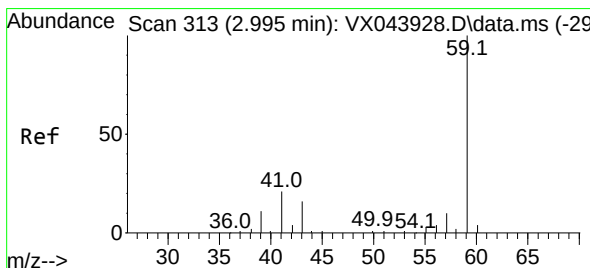
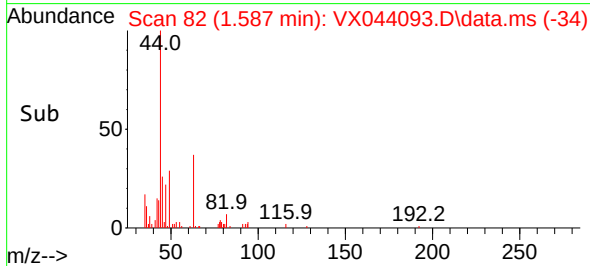
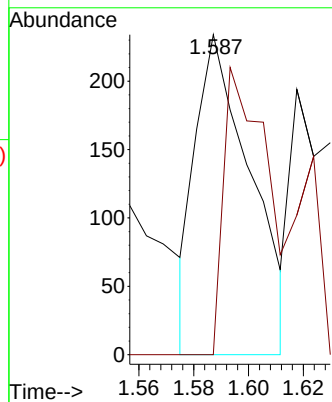
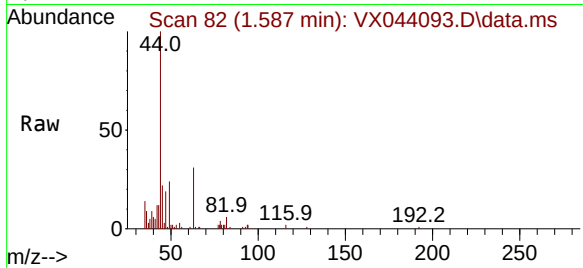




#5  
Bromomethane  
Concen: 0.352 ug/l  
RT: 1.587 min Scan# 81  
Delta R.T. -0.006 min  
Lab File: VX044093.D  
Acq: 03 Dec 2024 15:19

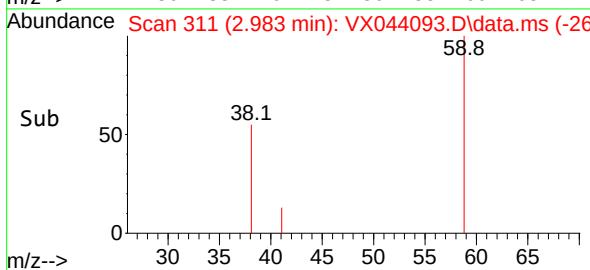
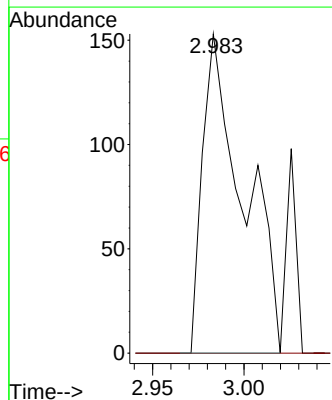
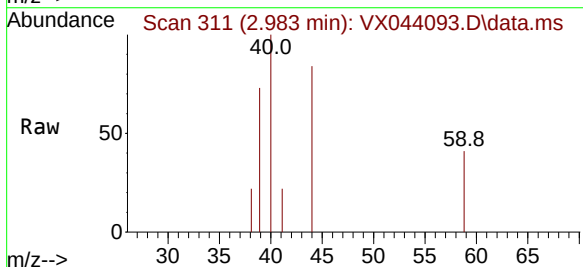
Instrument :  
MSVOA\_X  
ClientSampleId :

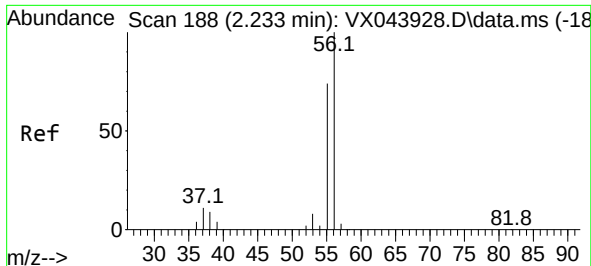
Tgt Ion: 94 Resp: 326  
Ion Ratio Lower Upper  
94 100  
96 0.0 73.9 110.9#



#11  
Tert butyl alcohol  
Concen: 0.811 ug/l  
RT: 2.983 min Scan# 311  
Delta R.T. -0.012 min  
Lab File: VX044093.D  
Acq: 03 Dec 2024 15:19

Tgt Ion: 59 Resp: 237  
Ion Ratio Lower Upper  
59 100  
57 0.0 7.9 11.9#

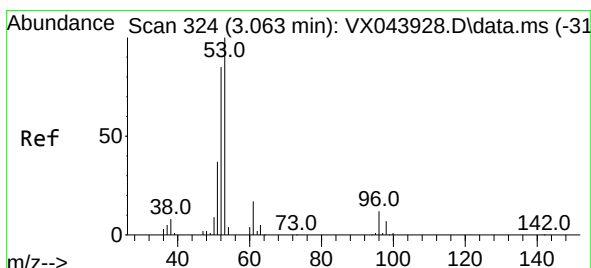
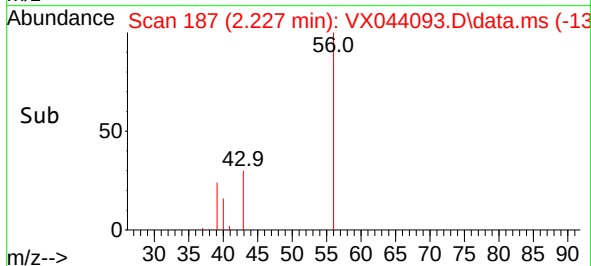
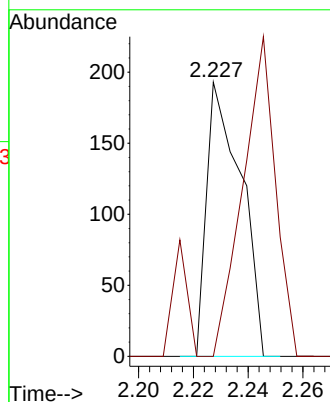
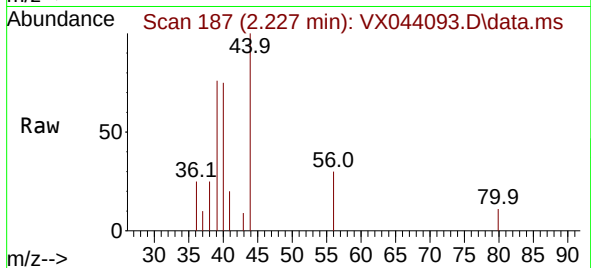




#13  
Acrolein  
Concen: 0.542 ug/l  
RT: 2.227 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VX044093.D  
Acq: 03 Dec 2024 15:19

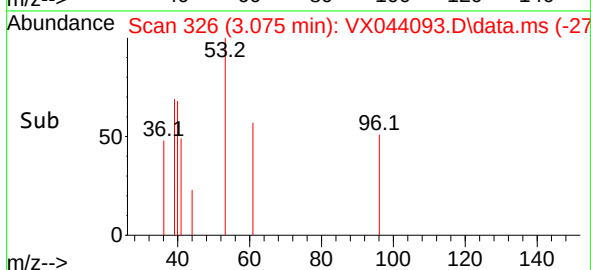
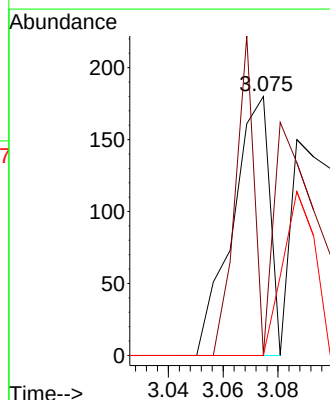
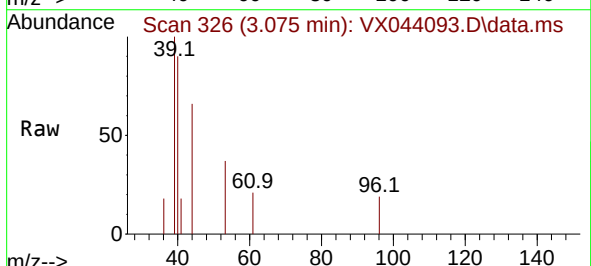
Instrument :  
MSVOA\_X  
ClientSampleId :

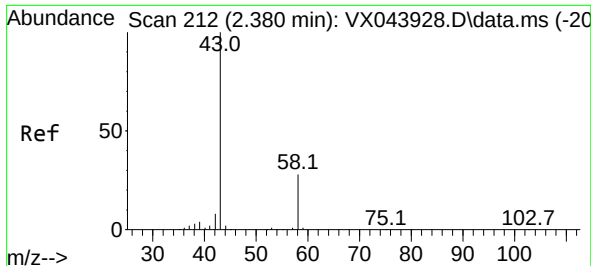
Tgt Ion: 56 Resp: 167  
Ion Ratio Lower Upper  
56 100  
55 18.0 58.2 87.2#



#15  
Acrylonitrile  
Concen: 0.239 ug/l  
RT: 3.075 min Scan# 326  
Delta R.T. 0.012 min  
Lab File: VX044093.D  
Acq: 03 Dec 2024 15:19

Tgt Ion: 53 Resp: 170  
Ion Ratio Lower Upper  
53 100  
52 61.8 66.5 99.7#  
51 0.0 30.2 45.4#

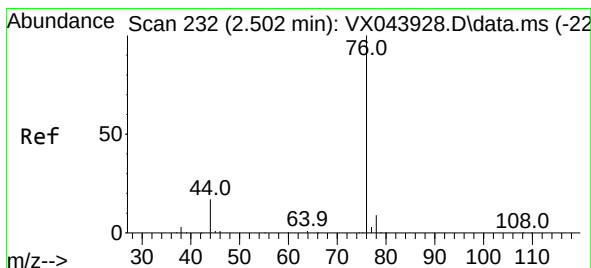
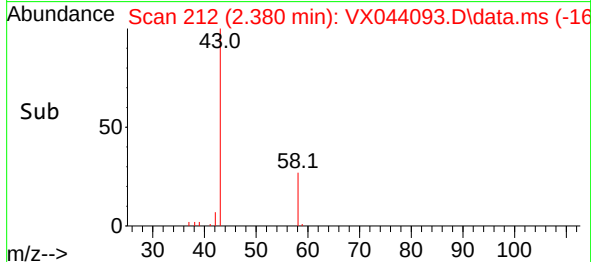
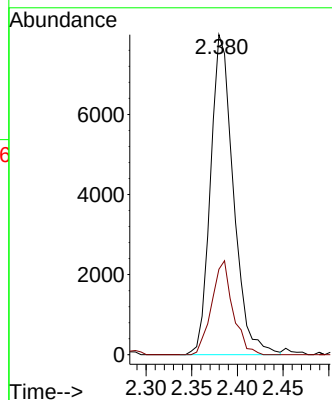
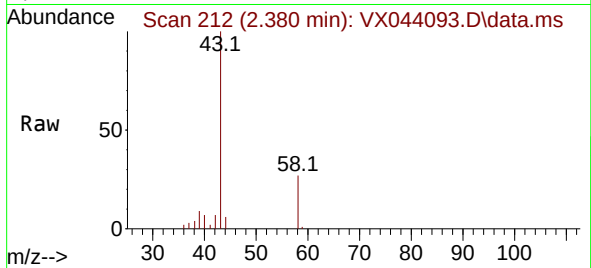




#16  
Acetone  
Concen: 16.637 ug/l  
RT: 2.380 min Scan# 212  
Delta R.T. -0.000 min  
Lab File: VX044093.D  
Acq: 03 Dec 2024 15:19

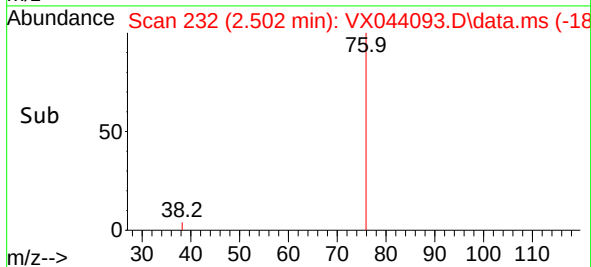
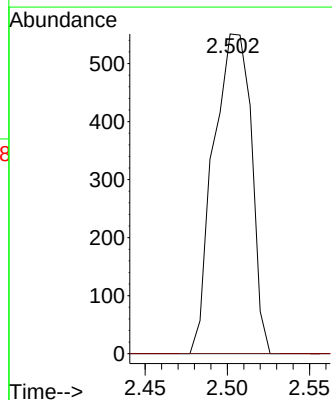
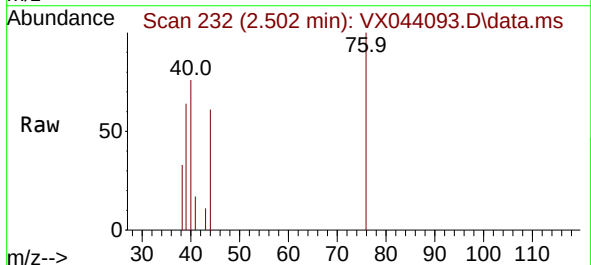
Instrument :  
MSVOA\_X  
ClientSampleId :

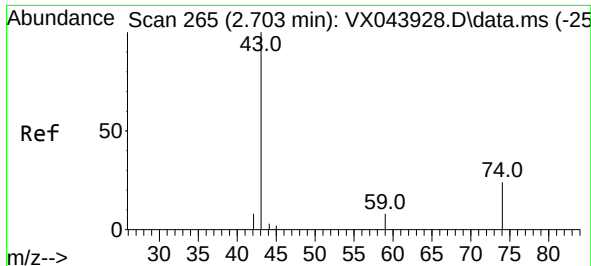
Tgt Ion: 43 Resp: 13915  
Ion Ratio Lower Upper  
43 100  
58 26.7 22.7 34.1



#17  
Carbon Disulfide  
Concen: 0.349 ug/l  
RT: 2.502 min Scan# 232  
Delta R.T. -0.000 min  
Lab File: VX044093.D  
Acq: 03 Dec 2024 15:19

Tgt Ion: 76 Resp: 881  
Ion Ratio Lower Upper  
76 100  
78 0.0 7.0 10.6#





#18

Methyl Acetate

Concen: 0.271 ug/l

RT: 2.703 min Scan# 265

Delta R.T. -0.000 min

Lab File: VX044093.D

Acq: 03 Dec 2024 15:19

Instrument :

MSVOA\_X

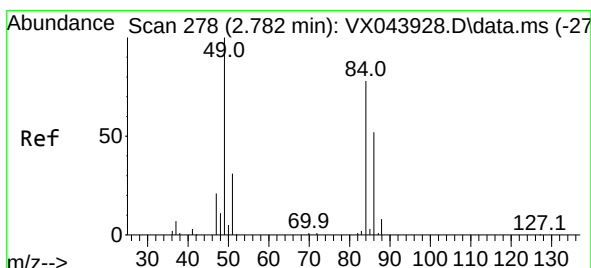
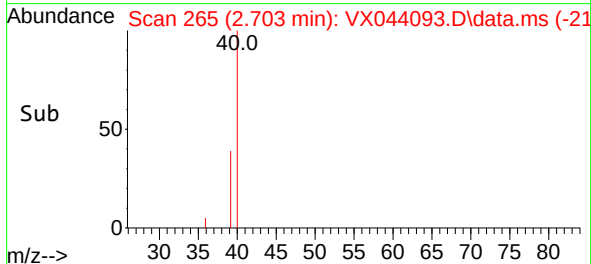
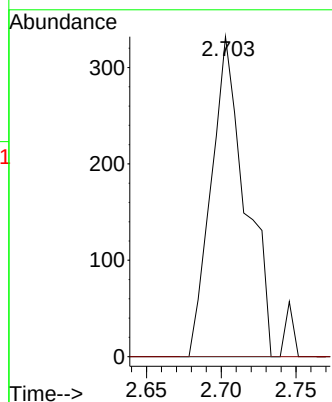
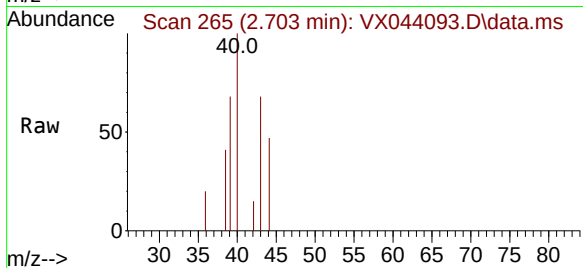
ClientSampleId :

Tgt Ion: 43 Resp: 527

Ion Ratio Lower Upper

43 100

74 0.0 18.9 28.3#



#20

Methylene Chloride

Concen: 0.652 ug/l

RT: 2.782 min Scan# 278

Delta R.T. -0.000 min

Lab File: VX044093.D

Acq: 03 Dec 2024 15:19

Tgt Ion: 84 Resp: 926

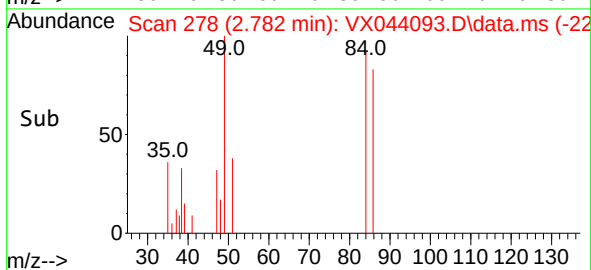
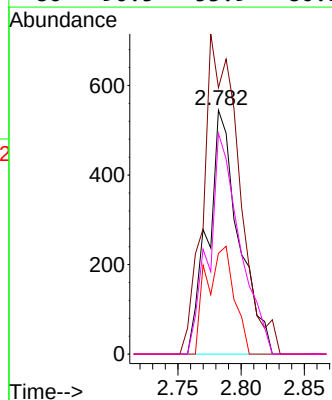
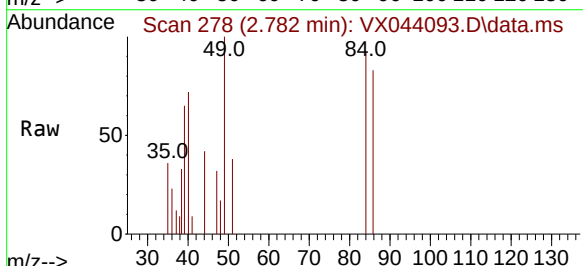
Ion Ratio Lower Upper

84 100

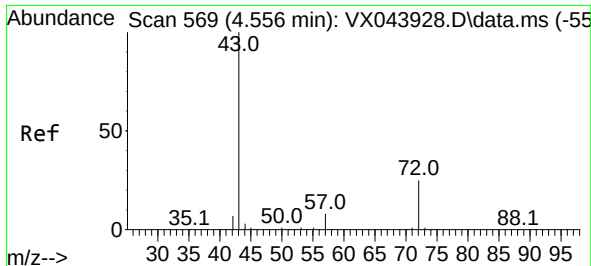
49 109.2 102.7 154.1

51 41.3 31.7 47.5

86 90.5 53.9 80.9#



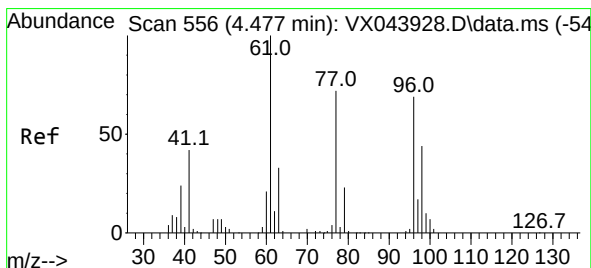
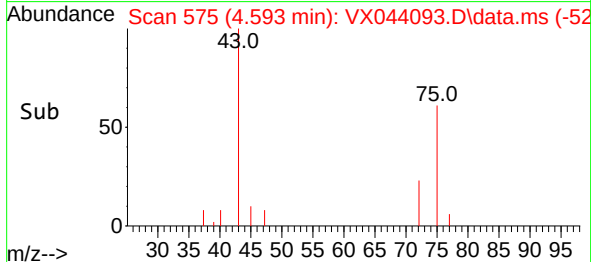
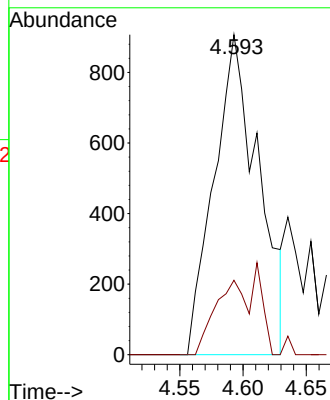
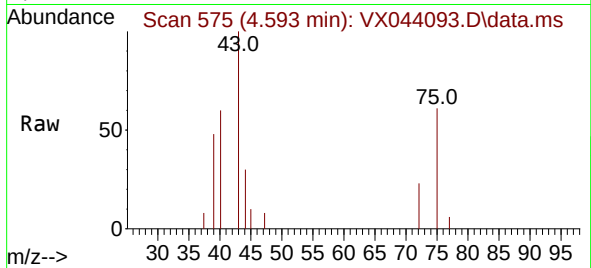




#25  
2-Butanone  
Concen: 2.049 ug/l  
RT: 4.593 min Scan# 51  
Delta R.T. 0.037 min  
Lab File: VX044093.D  
Acq: 03 Dec 2024 15:19

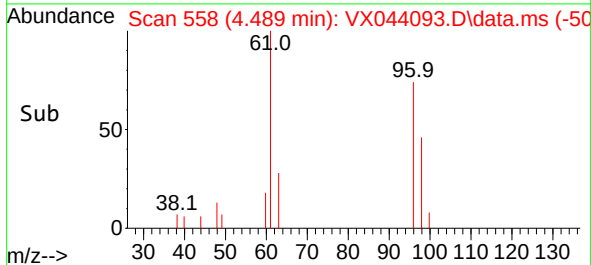
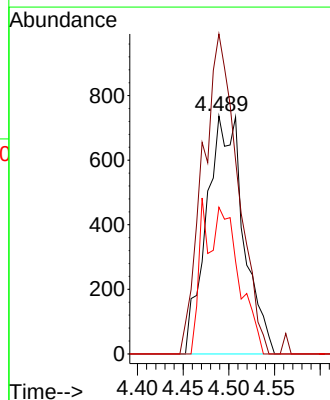
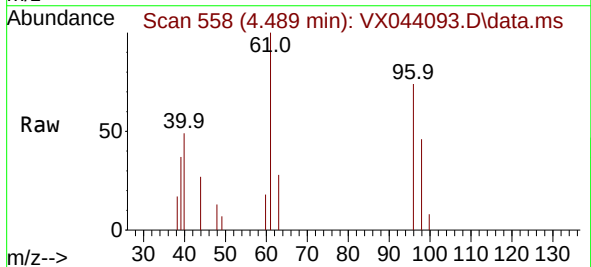
Instrument :  
MSVOA\_X  
ClientSampleId :

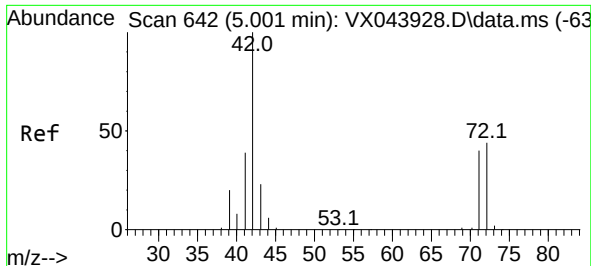
Tgt Ion: 43 Resp: 2211  
Ion Ratio Lower Upper  
43 100  
72 23.3 20.2 30.2



#27  
cis-1,2-Dichloroethene  
Concen: 1.332 ug/l  
RT: 4.489 min Scan# 558  
Delta R.T. 0.012 min  
Lab File: VX044093.D  
Acq: 03 Dec 2024 15:19

Tgt Ion: 96 Resp: 2079  
Ion Ratio Lower Upper  
96 100  
61 127.7 0.0 297.4  
98 59.8 0.0 127.8





#29

Tetrahydrofuran

Concen: 1.256 ug/l

RT: 5.038 min Scan# 642

Delta R.T. 0.037 min

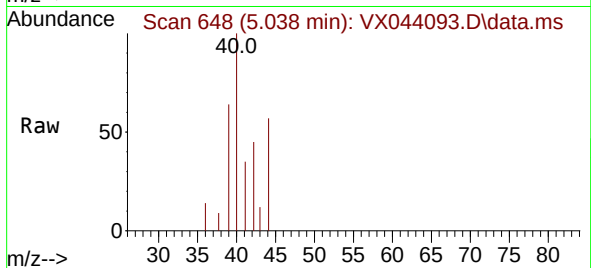
Lab File: VX044093.D

Acq: 03 Dec 2024 15:19

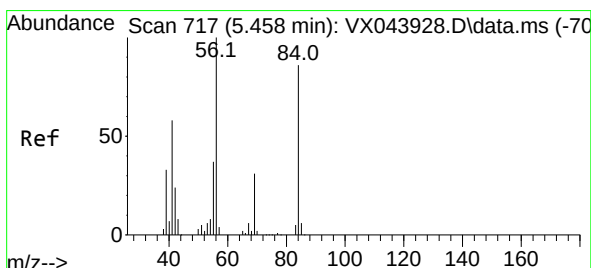
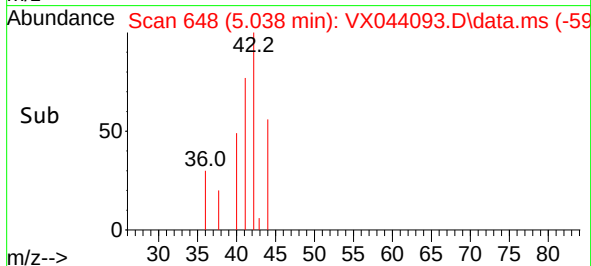
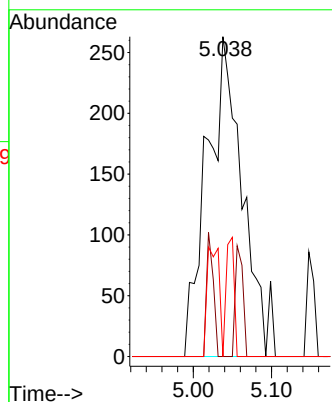
Instrument :

MSVOA\_X

ClientSampleId :



|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 42    | Resp: | 831   |
| Ion Ratio | Lower | Upper |       |
| 42        | 100   |       |       |
| 72        | 7.3   | 36.4  | 54.6# |
| 71        | 8.3   | 33.4  | 50.0# |



#31

Cyclohexane

Concen: 1.781 ug/l

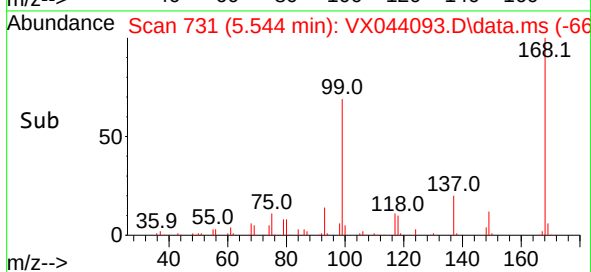
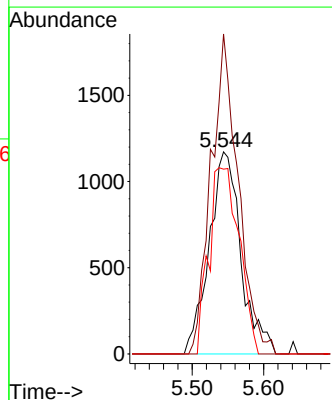
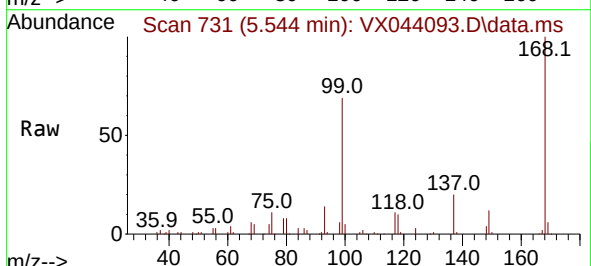
RT: 5.544 min Scan# 731

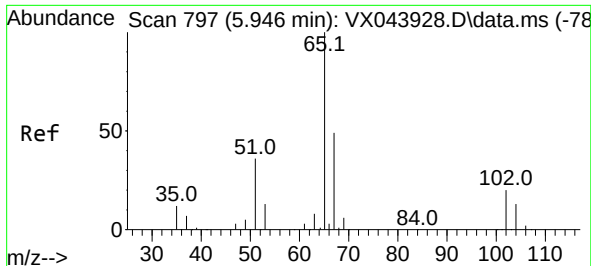
Delta R.T. 0.085 min

Lab File: VX044093.D

Acq: 03 Dec 2024 15:19

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 56    | Resp: | 3614  |
| Ion Ratio | Lower | Upper |       |
| 56        | 100   |       |       |
| 69        | 158.4 | 24.7  | 37.1# |
| 84        | 91.5  | 68.7  | 103.1 |

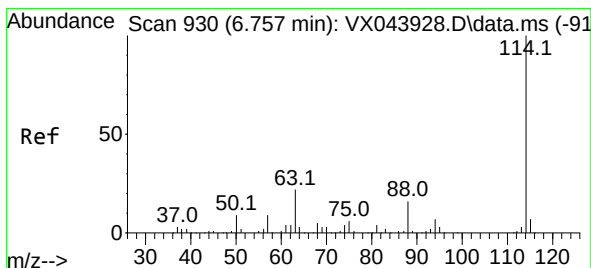
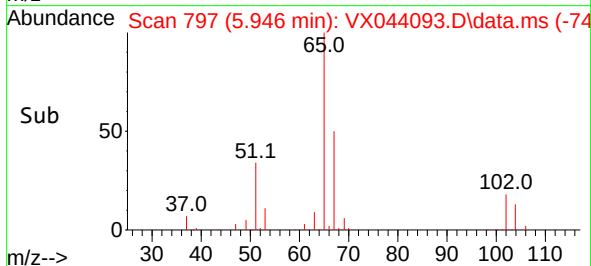
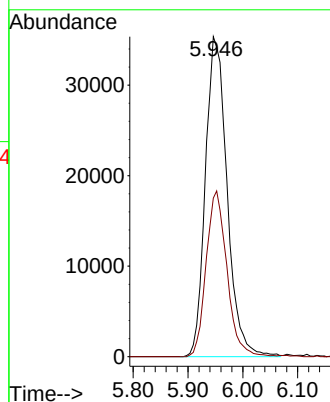
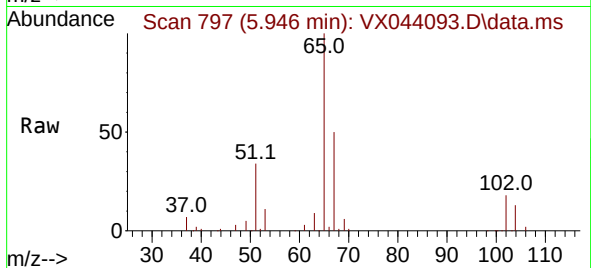




#33  
 1,2-Dichloroethane-d4  
 Concen: 53.407 ug/l  
 RT: 5.946 min Scan# 797  
 Delta R.T. -0.000 min  
 Lab File: VX044093.D  
 Acq: 03 Dec 2024 15:19

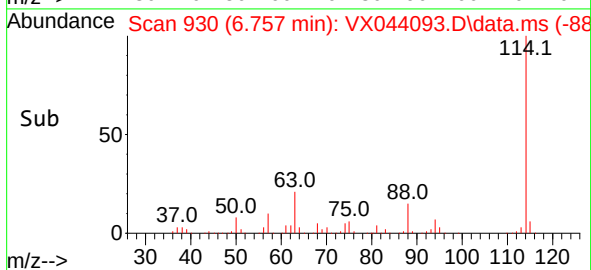
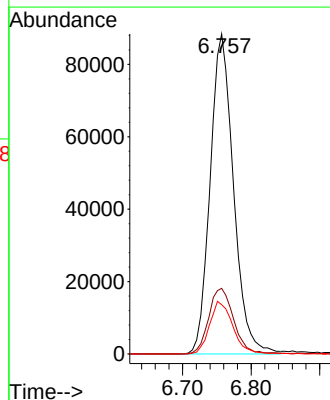
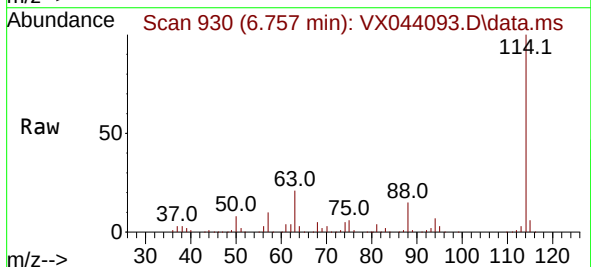
Instrument :  
 MSVOA\_X  
 ClientSampleId :

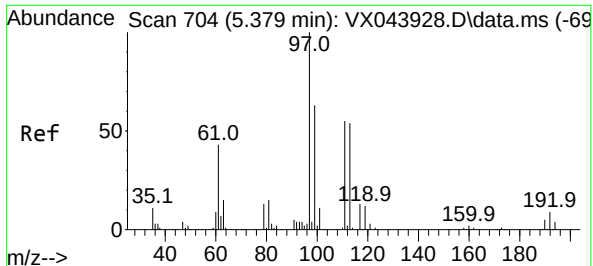
Tgt Ion: 65 Resp: 97257  
 Ion Ratio Lower Upper  
 65 100  
 67 49.6 0.0 100.8



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 6.757 min Scan# 930  
 Delta R.T. -0.000 min  
 Lab File: VX044093.D  
 Acq: 03 Dec 2024 15:19

Tgt Ion: 114 Resp: 209275  
 Ion Ratio Lower Upper  
 114 100  
 63 20.5 0.0 44.0  
 88 15.4 0.0 32.4





#35

Dibromofluoromethane

Concen: 37.169 ug/l

RT: 5.385 min Scan# 704

Delta R.T. 0.006 min

Lab File: VX044093.D

Acq: 03 Dec 2024 15:19

Instrument :

MSVOA\_X

ClientSampleId :

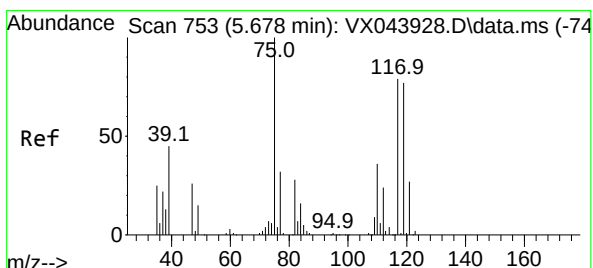
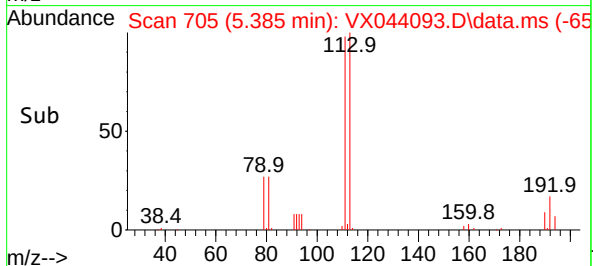
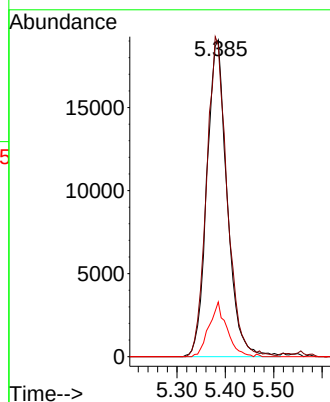
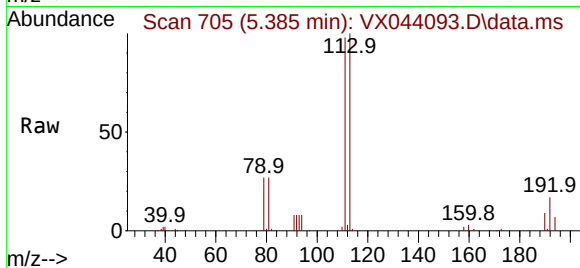
Tgt Ion:113 Resp: 55581

Ion Ratio Lower Upper

113 100

111 102.3 81.0 121.4

192 15.2 13.0 19.6



#36

1,1-Dichloropropene

Concen: 5.736 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.128 min

Lab File: VX044093.D

Acq: 03 Dec 2024 15:19

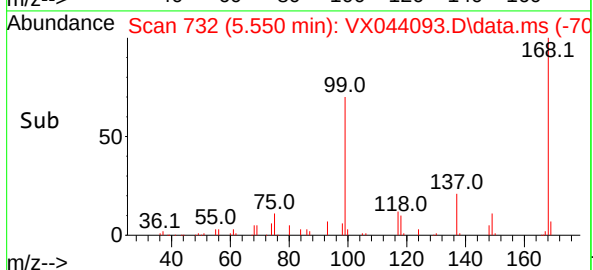
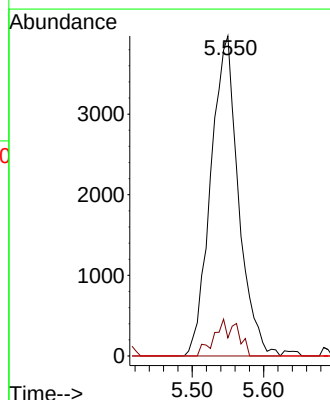
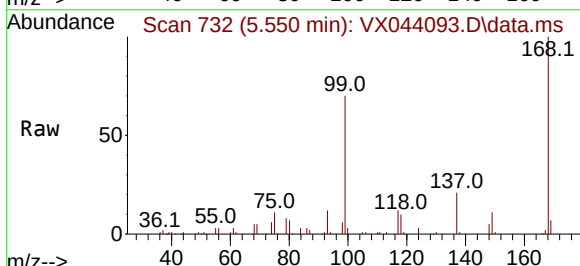
Tgt Ion: 75 Resp: 10688

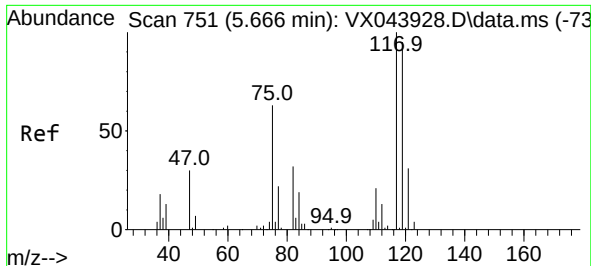
Ion Ratio Lower Upper

75 100

110 5.6 17.4 52.2#

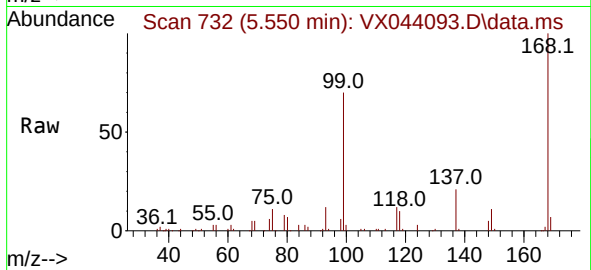
77 0.0 25.8 38.8#



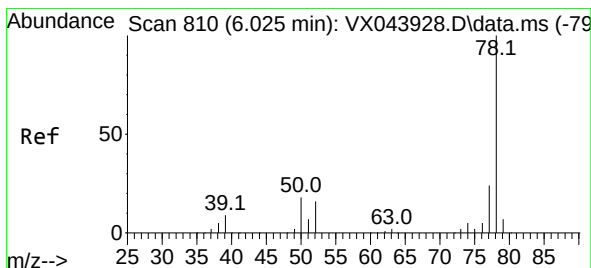
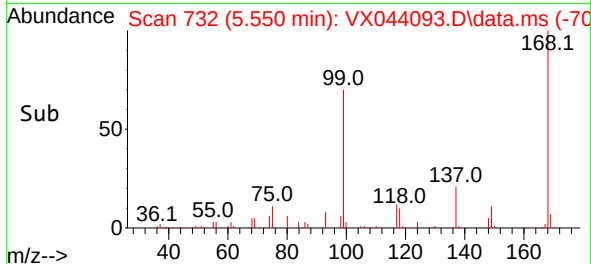
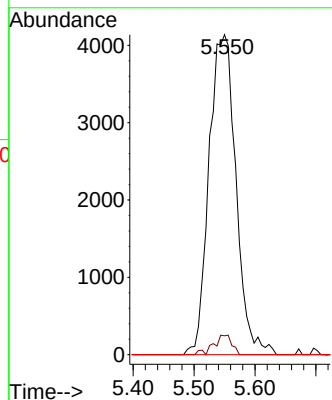


#38  
Carbon Tetrachloride  
Concen: 6.074 ug/l  
RT: 5.550 min Scan# 71  
Delta R.T. -0.116 min  
Lab File: VX044093.D  
Acq: 03 Dec 2024 15:19

Instrument :  
MSVOA\_X  
ClientSampleId :

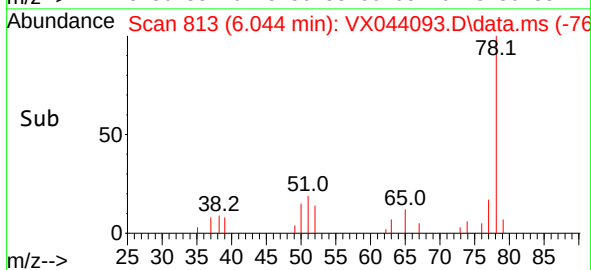
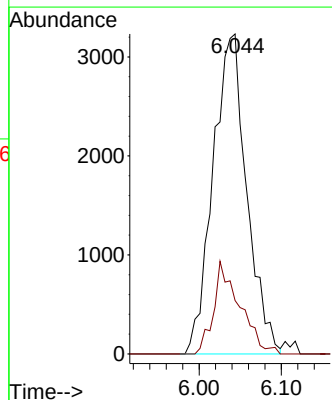
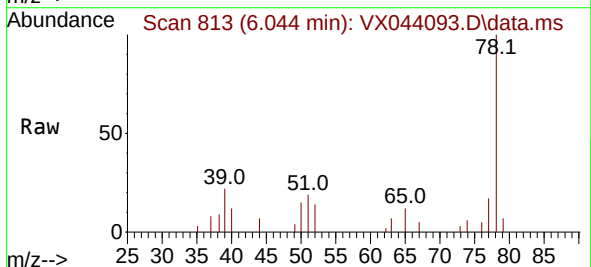


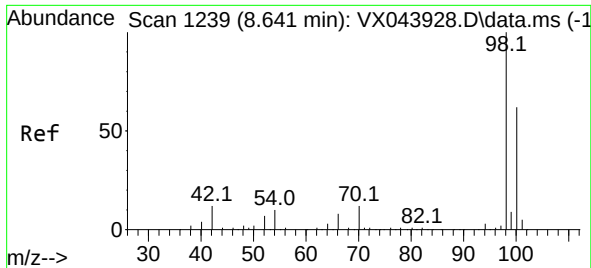
Tgt Ion:117 Resp: 12718  
Ion Ratio Lower Upper  
117 100  
119 5.9 75.2 112.8#  
121 0.0 24.5 36.7#



#40  
Benzene  
Concen: 1.591 ug/l  
RT: 6.044 min Scan# 813  
Delta R.T. 0.018 min  
Lab File: VX044093.D  
Acq: 03 Dec 2024 15:19

Tgt Ion: 78 Resp: 9232  
Ion Ratio Lower Upper  
78 100  
77 16.7 19.2 28.8#

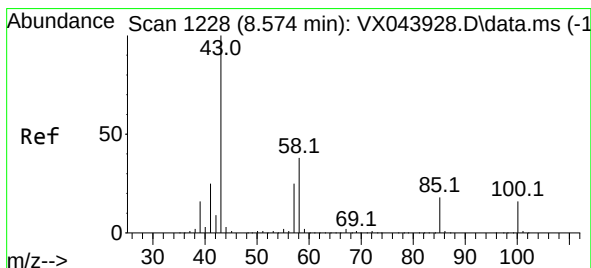
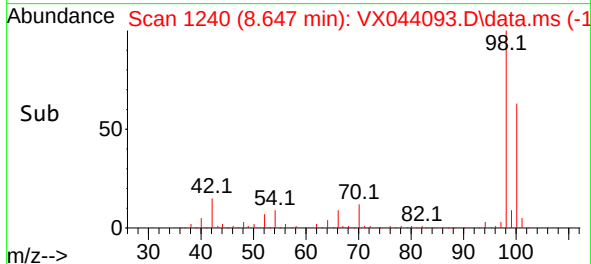
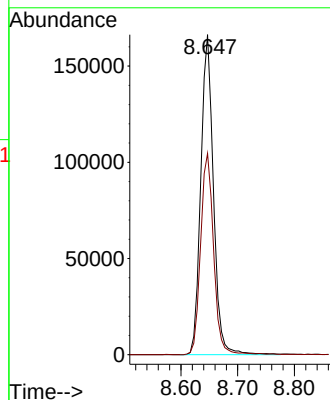
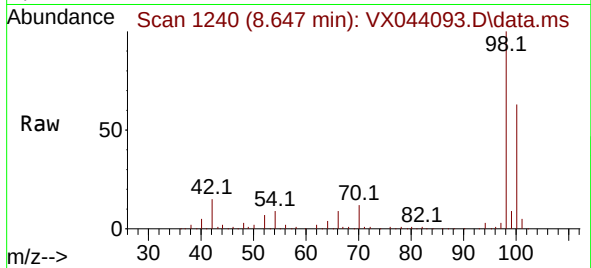




#50  
Toluene-d8  
Concen: 50.036 ug/l  
RT: 8.647 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VX044093.D  
Acq: 03 Dec 2024 15:19

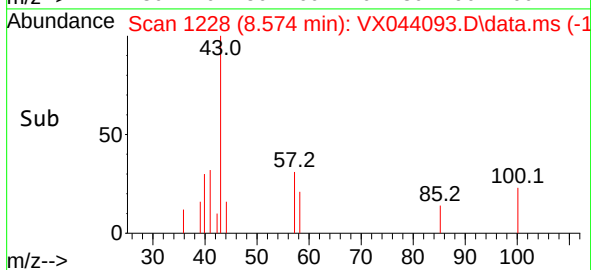
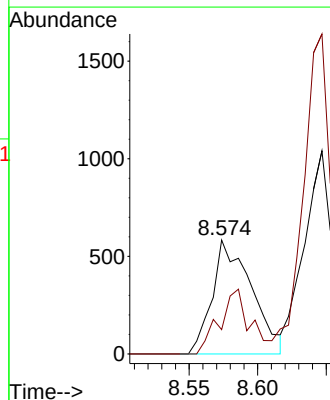
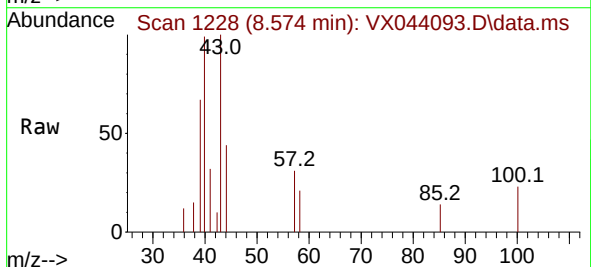
Instrument :  
MSVOA\_X  
ClientSampleId :

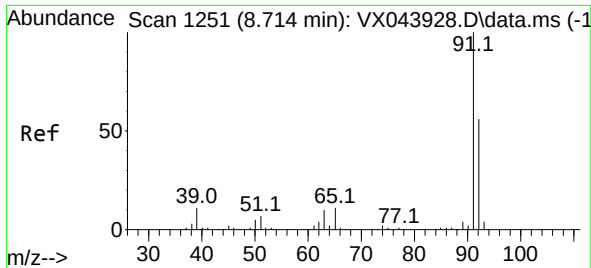
Tgt Ion: 98 Resp: 257920  
Ion Ratio Lower Upper  
98 100  
100 64.5 52.6 79.0



#51  
4-Methyl-2-Pentanone  
Concen: 0.519 ug/l  
RT: 8.574 min Scan# 1228  
Delta R.T. -0.000 min  
Lab File: VX044093.D  
Acq: 03 Dec 2024 15:19

Tgt Ion: 43 Resp: 1167  
Ion Ratio Lower Upper  
43 100  
58 44.7 30.0 45.0

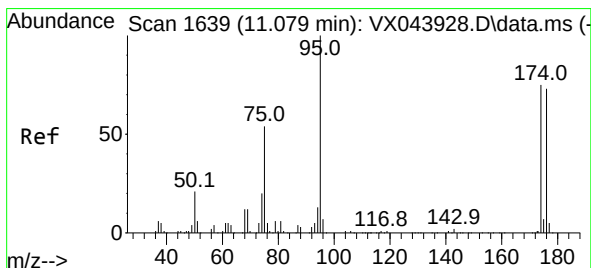
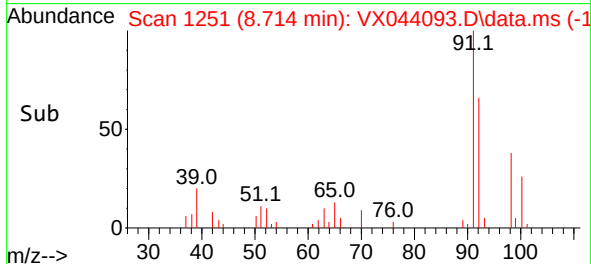
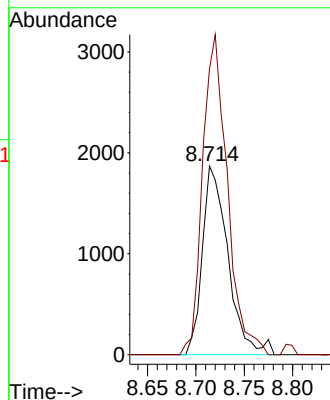
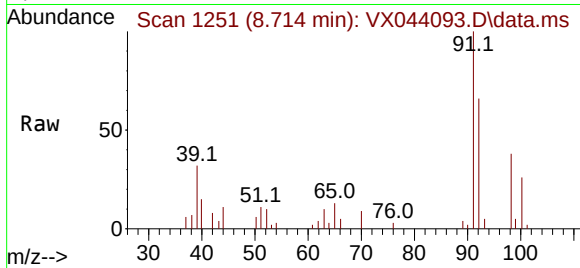




#52  
Toluene  
Concen: 0.993 ug/l  
RT: 8.714 min Scan# 1251  
Delta R.T. -0.000 min  
Lab File: VX044093.D  
Acq: 03 Dec 2024 15:19

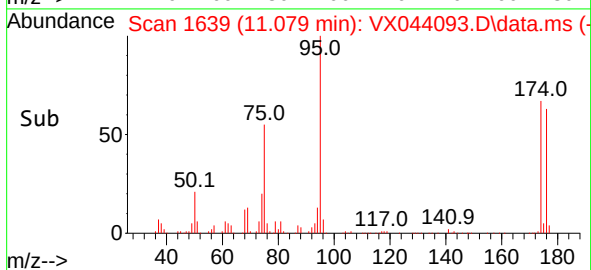
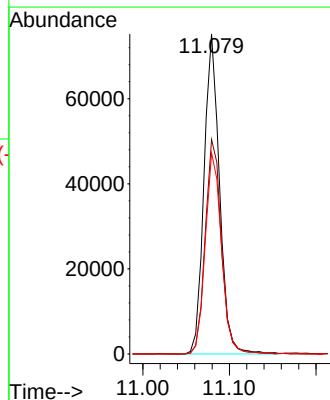
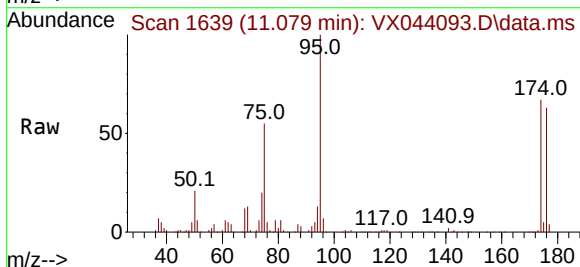
Instrument :  
MSVOA\_X  
ClientSampleId :

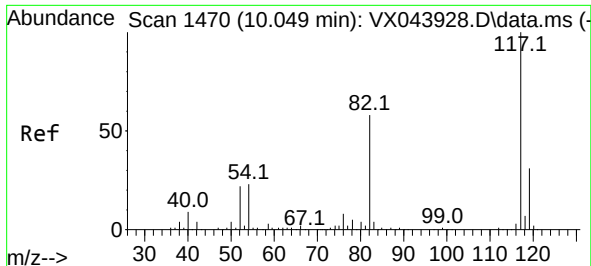
Tgt Ion: 92 Resp: 3450  
Ion Ratio Lower Upper  
92 100  
91 164.0 139.7 209.5



#62  
4-Bromofluorobenzene  
Concen: 53.410 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. -0.000 min  
Lab File: VX044093.D  
Acq: 03 Dec 2024 15:19

Tgt Ion: 95 Resp: 93696  
Ion Ratio Lower Upper  
95 100  
174 69.9 0.0 150.4  
176 65.8 0.0 146.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.049 min Scan# 1470

Delta R.T. -0.000 min

Lab File: VX044093.D

Acq: 03 Dec 2024 15:19

Instrument :

MSVOA\_X

ClientSampleId :

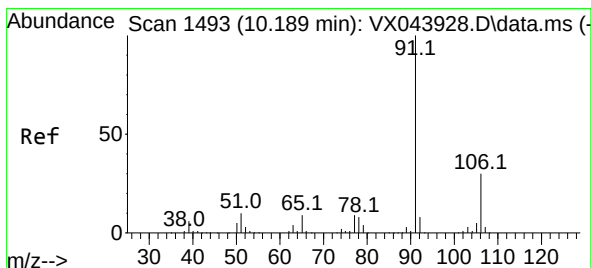
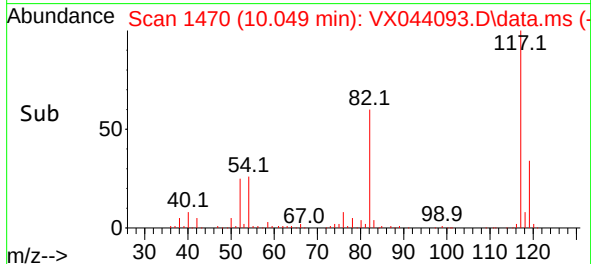
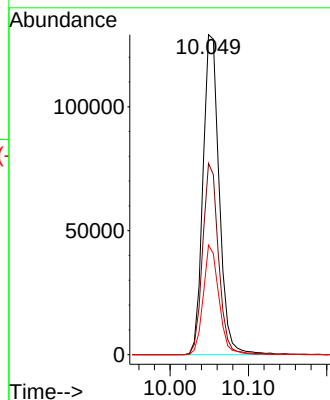
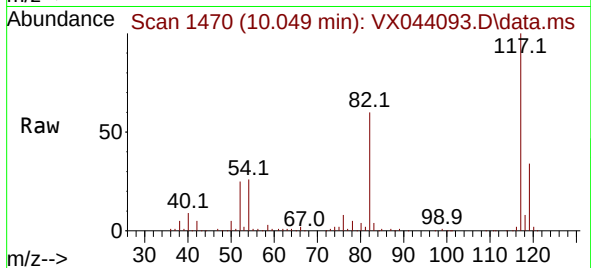
Tgt Ion:117 Resp: 186004

Ion Ratio Lower Upper

117 100

82 59.8 46.4 69.6

119 34.2 24.6 37.0



#67

Ethyl Benzene

Concen: 43.538 ug/l

RT: 10.189 min Scan# 1493

Delta R.T. -0.000 min

Lab File: VX044093.D

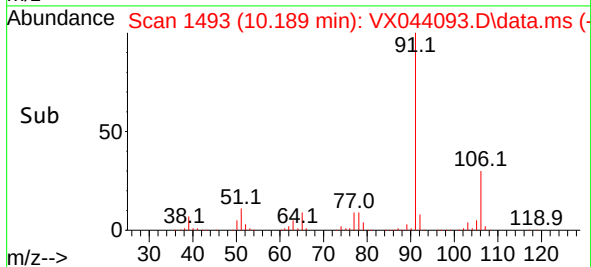
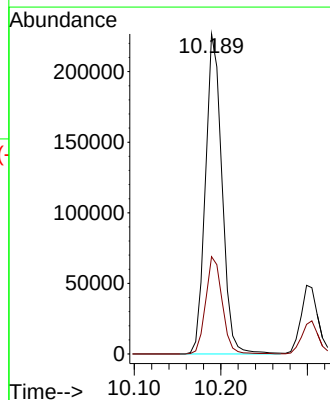
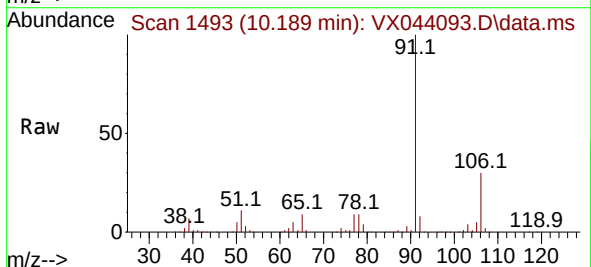
Acq: 03 Dec 2024 15:19

Tgt Ion: 91 Resp: 301384

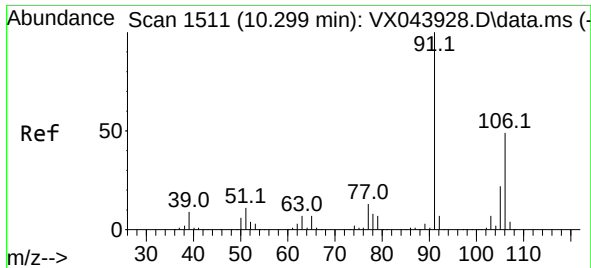
Ion Ratio Lower Upper

91 100

106 30.4 23.6 35.4



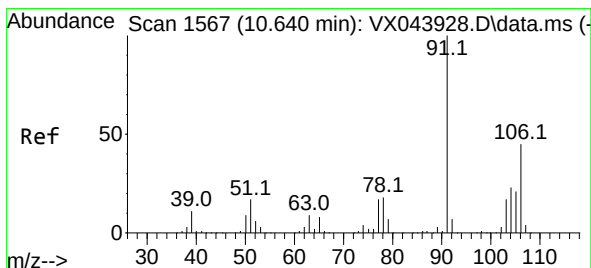
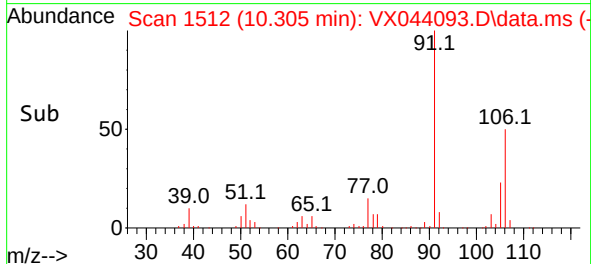
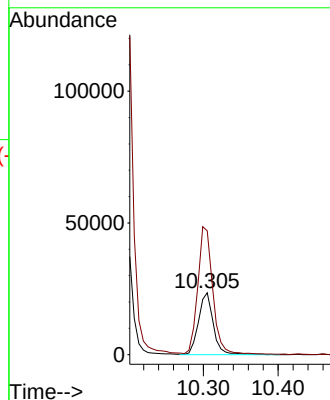
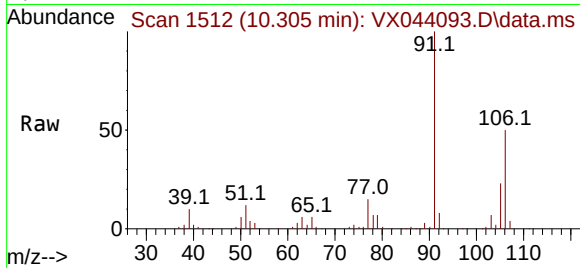




#68  
m/p-Xylenes  
Concen: 12.458 ug/l  
RT: 10.305 min Scan# 1511  
Delta R.T. 0.006 min  
Lab File: VX044093.D  
Acq: 03 Dec 2024 15:19

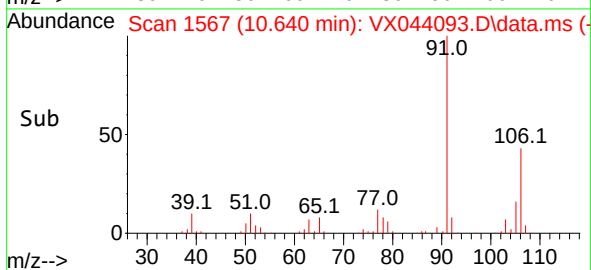
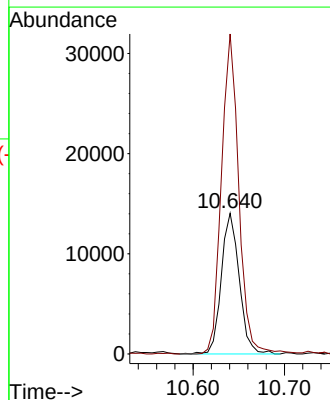
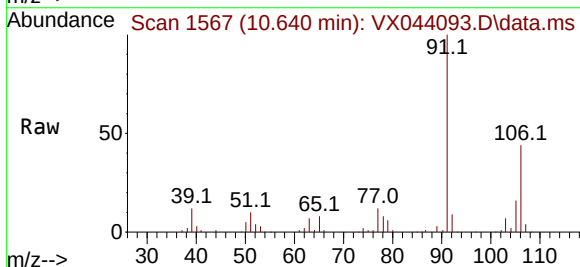
Instrument :  
MSVOA\_X  
ClientSampleId :

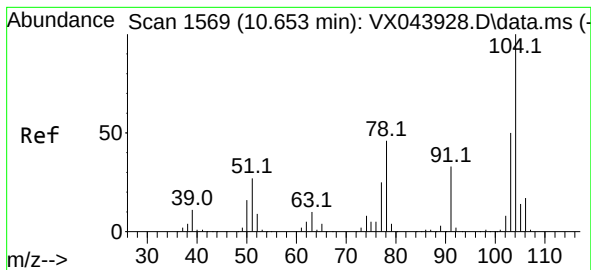
Tgt Ion:106 Resp: 32160  
Ion Ratio Lower Upper  
106 100  
91 209.7 168.1 252.1



#69  
o-Xylene  
Concen: 7.616 ug/l  
RT: 10.640 min Scan# 1567  
Delta R.T. -0.000 min  
Lab File: VX044093.D  
Acq: 03 Dec 2024 15:19

Tgt Ion:106 Resp: 19195  
Ion Ratio Lower Upper  
106 100  
91 219.9 110.2 330.6





#70

Styrene

Concen: 0.399 ug/l

RT: 10.647 min Scan# 1568

Delta R.T. -0.006 min

Lab File: VX044093.D

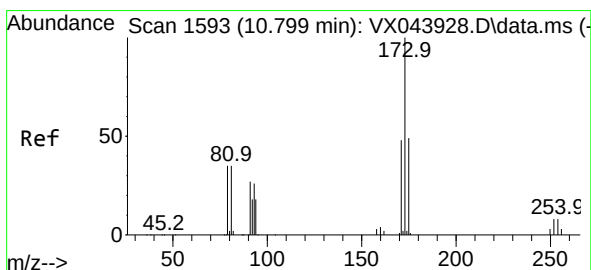
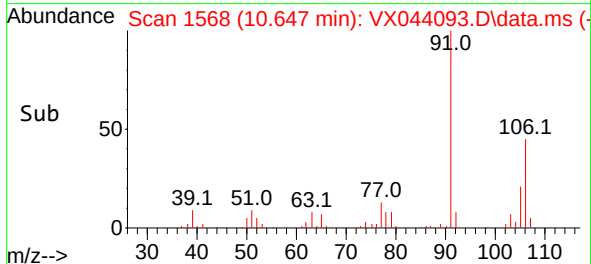
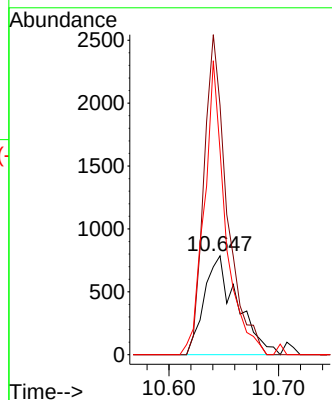
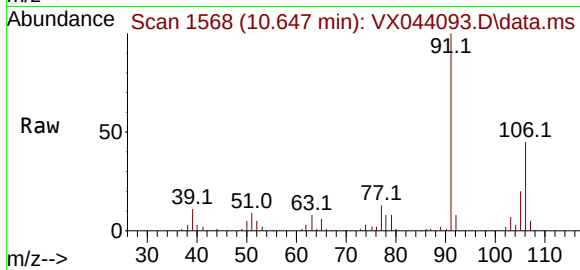
Acq: 03 Dec 2024 15:19

Instrument :

MSVOA\_X

ClientSampleId :

|             |       |            |
|-------------|-------|------------|
| Tgt Ion:104 | Resp: | 1662       |
| Ion Ratio   | Lower | Upper      |
| 104         | 100   |            |
| 78          | 224.5 | 42.2 63.2# |
| 103         | 188.7 | 44.7 67.1# |



#71

Bromoform

Concen: 1.292 ug/l

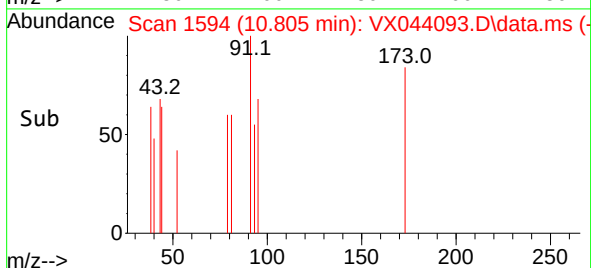
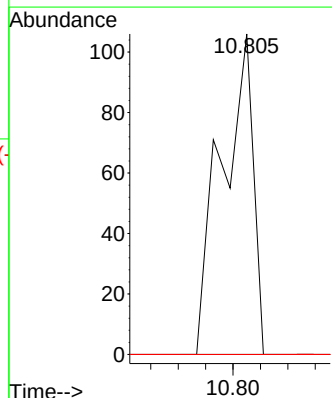
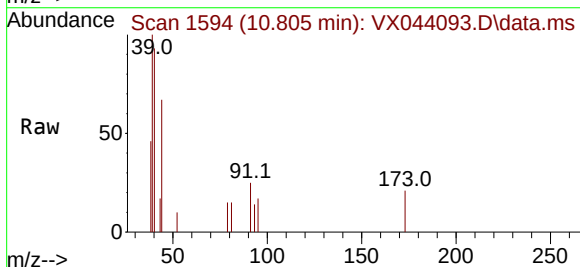
RT: 10.805 min Scan# 1594

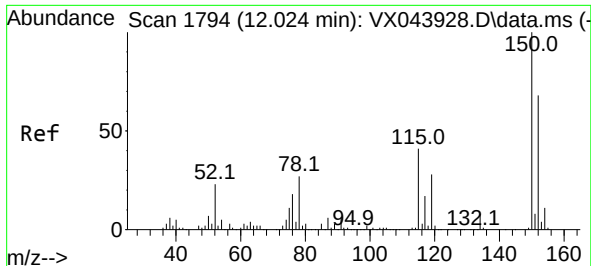
Delta R.T. 0.006 min

Lab File: VX044093.D

Acq: 03 Dec 2024 15:19

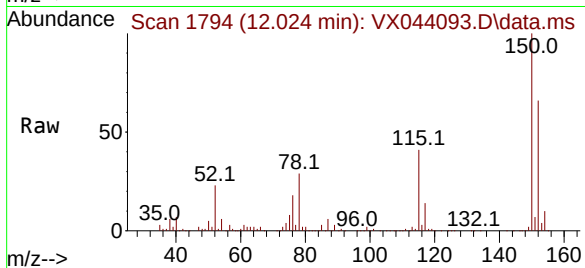
|             |       |            |
|-------------|-------|------------|
| Tgt Ion:173 | Resp: | 85         |
| Ion Ratio   | Lower | Upper      |
| 173         | 100   |            |
| 175         | 0.0   | 24.1 72.2# |
| 254         | 0.0   | 0.0 0.0    |



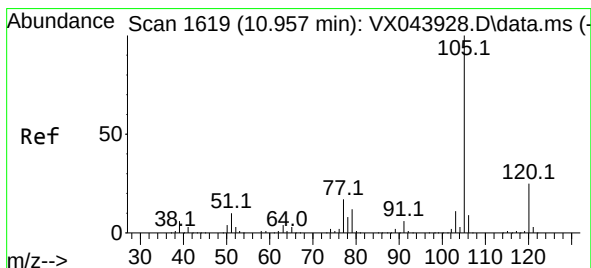
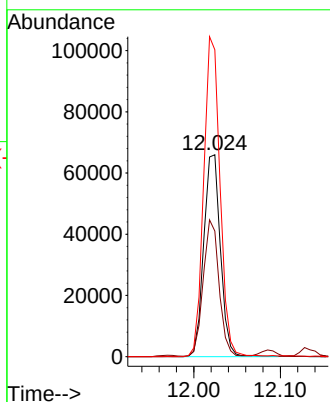
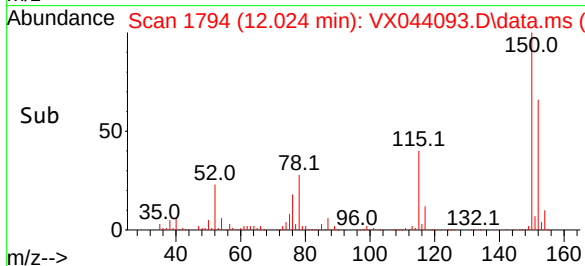


#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.024 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VX044093.D  
Acq: 03 Dec 2024 15:19

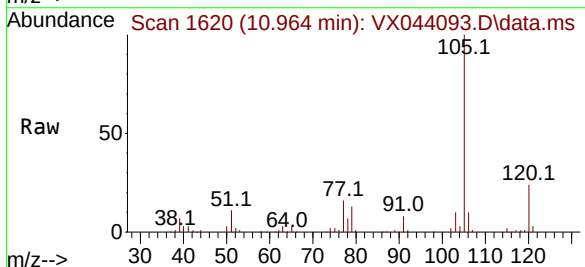
Instrument :  
MSVOA\_X  
ClientSampleId :



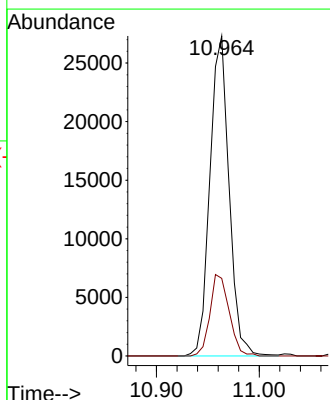
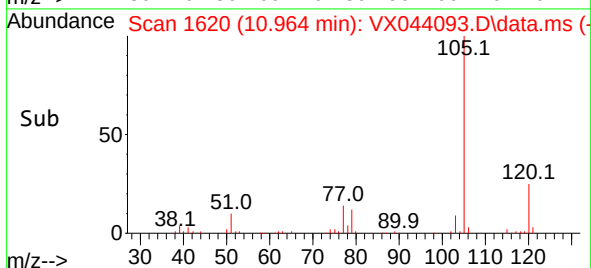
Tgt Ion:152 Resp: 88193  
Ion Ratio Lower Upper  
152 100  
115 63.7 45.4 136.2  
150 155.7 0.0 353.0

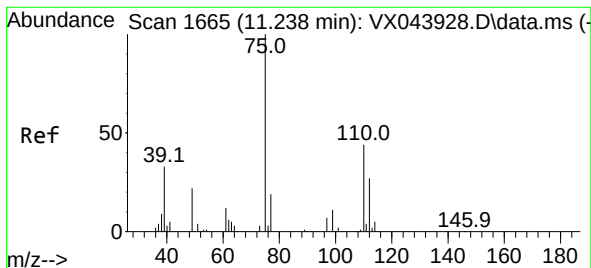


#73  
Isopropylbenzene  
Concen: 5.217 ug/l  
RT: 10.964 min Scan# 1620  
Delta R.T. 0.006 min  
Lab File: VX044093.D  
Acq: 03 Dec 2024 15:19



Tgt Ion:105 Resp: 35368  
Ion Ratio Lower Upper  
105 100  
120 25.4 13.0 38.9





#76

1,2,3-Trichloropropane

Concen: 27.794 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.159 min

Lab File: VX044093.D

Acq: 03 Dec 2024 15:19

Instrument :

MSVOA\_X

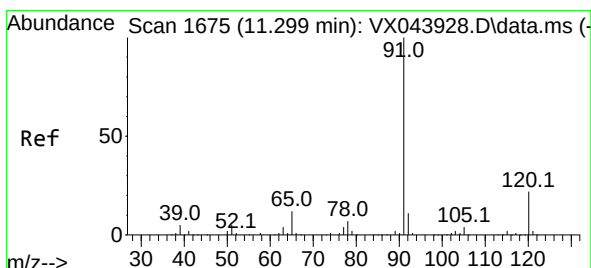
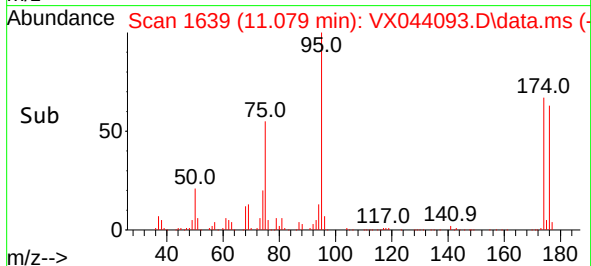
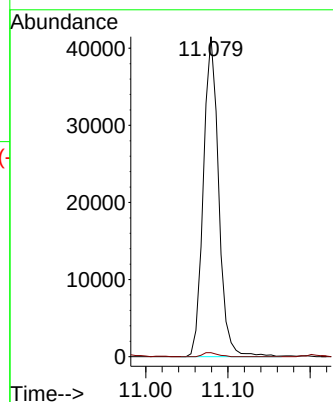
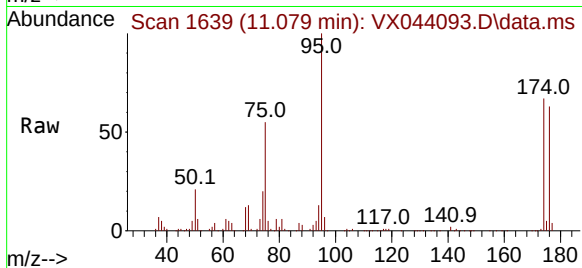
ClientSampleId :

Tgt Ion: 75 Resp: 53756

Ion Ratio Lower Upper

75 100

77 1.3 21.8 65.3#



#78

n-propylbenzene

Concen: 1.531 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.006 min

Lab File: VX044093.D

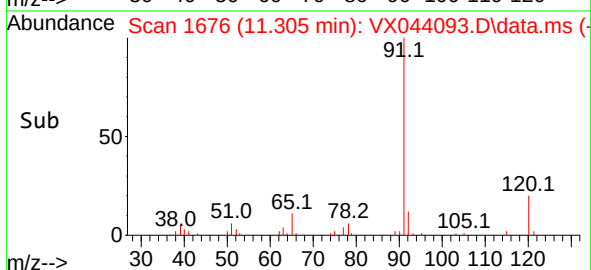
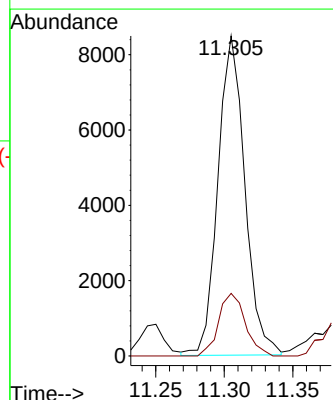
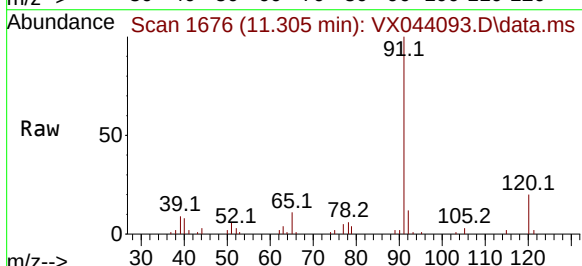
Acq: 03 Dec 2024 15:19

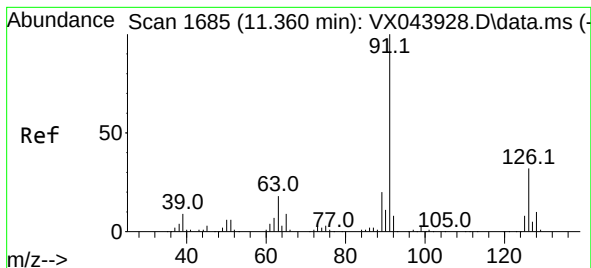
Tgt Ion: 91 Resp: 11594

Ion Ratio Lower Upper

91 100

120 19.4 11.5 34.4





#79

2-Chlorotoluene

Concen: 1.572 ug/l

RT: 11.396 min Scan# 1

Delta R.T. 0.037 min

Lab File: VX044093.D

Acq: 03 Dec 2024 15:19

Instrument :

MSVOA\_X

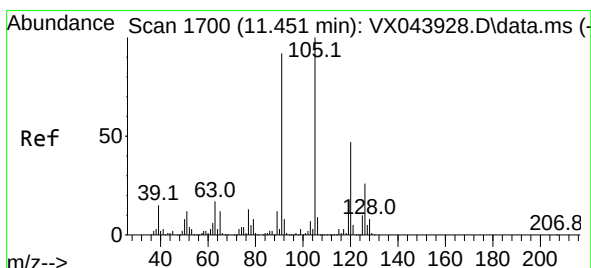
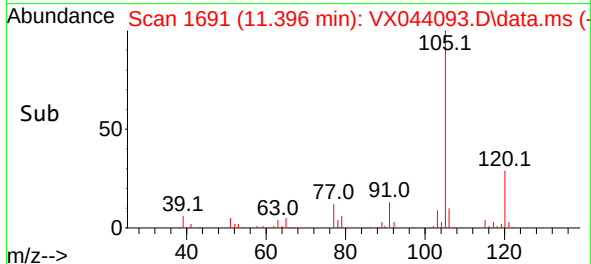
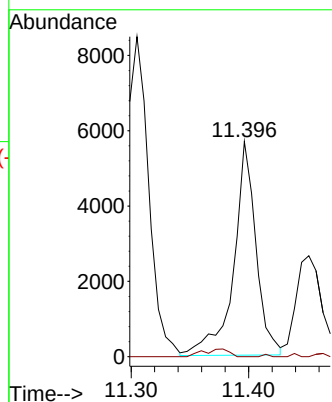
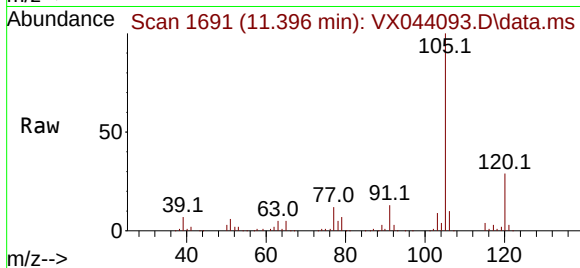
ClientSampleId :

Tgt Ion: 91 Resp: 7525

Ion Ratio Lower Upper

91 100

126 4.1 16.6 49.8#



#80

1,3,5-Trimethylbenzene

Concen: 4.914 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX044093.D

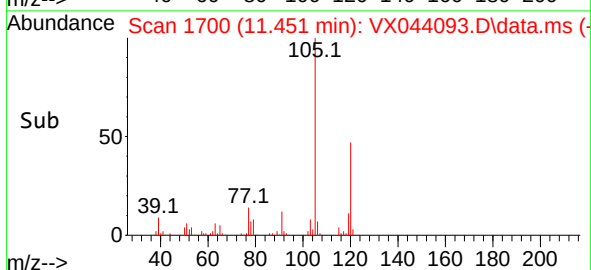
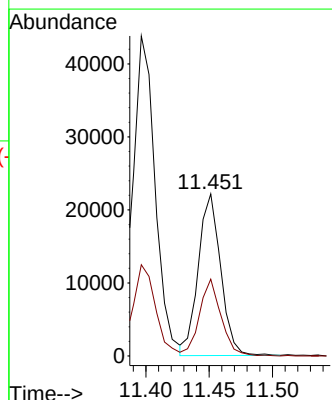
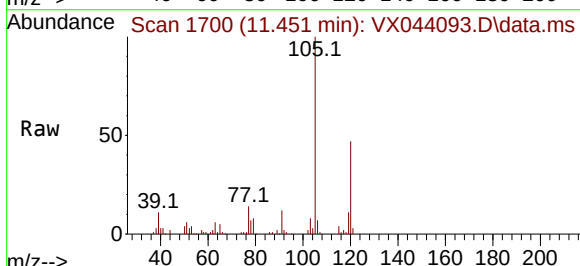
Acq: 03 Dec 2024 15:19

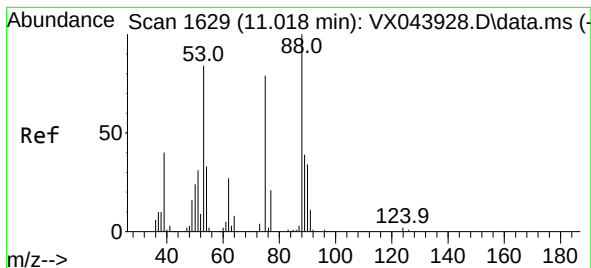
Tgt Ion:105 Resp: 27407

Ion Ratio Lower Upper

105 100

120 45.9 23.3 69.8

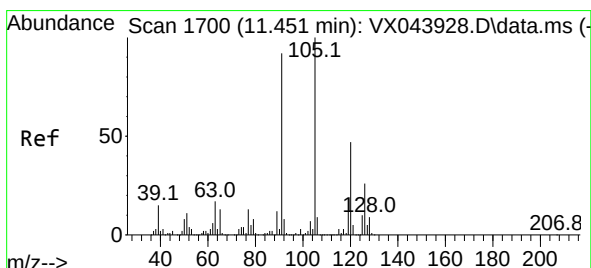
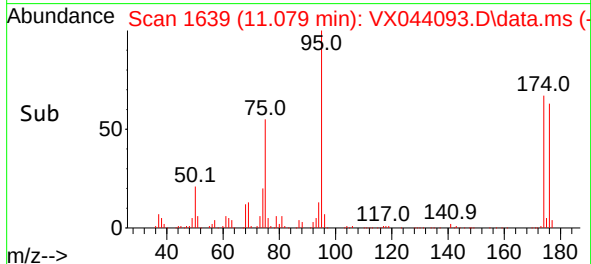
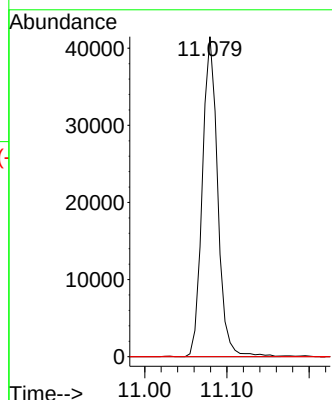
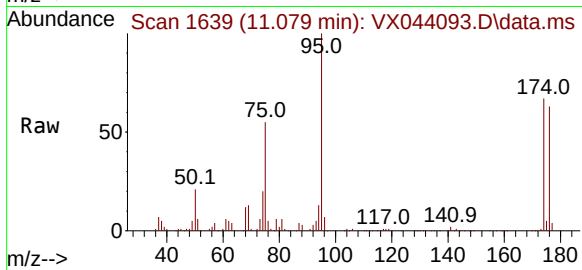




#81  
trans-1,4-Dichloro-2-butene  
Concen: 75.844 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. 0.061 min  
Lab File: VX044093.D  
Acq: 03 Dec 2024 15:19

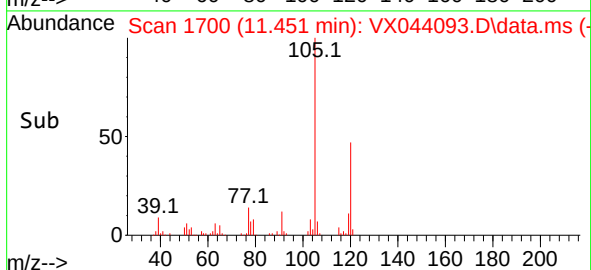
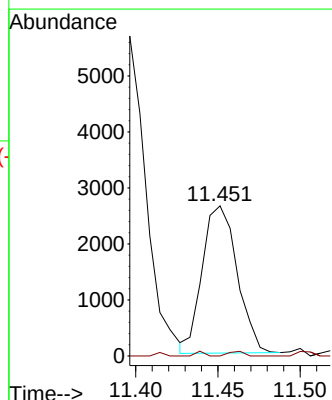
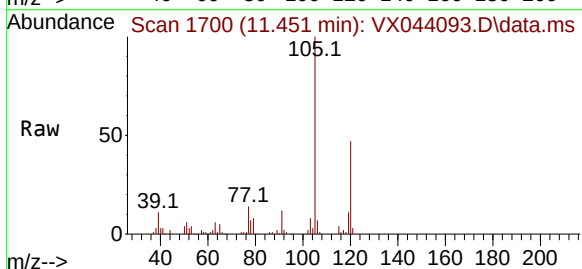
Instrument :  
MSVOA\_X  
ClientSampleId :

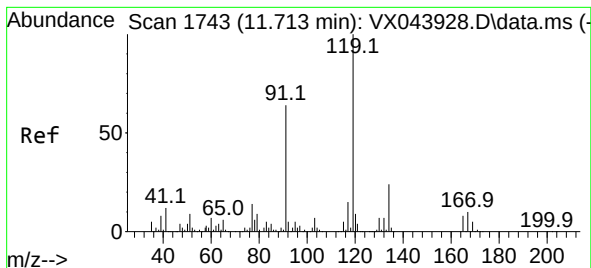
Tgt Ion: 75 Resp: 53756  
Ion Ratio Lower Upper  
75 100  
53 0.0 86.7 130.1#  
89 0.0 38.2 57.2#



#82  
4-Chlorotoluene  
Concen: 0.719 ug/l  
RT: 11.451 min Scan# 1700  
Delta R.T. -0.000 min  
Lab File: VX044093.D  
Acq: 03 Dec 2024 15:19

Tgt Ion: 91 Resp: 3884  
Ion Ratio Lower Upper  
91 100  
126 1.4 14.3 42.9#





#83

tert-Butylbenzene

Concen: 2.476 ug/l

RT: 11.750 min Scan# 11

Delta R.T. 0.037 min

Lab File: VX044093.D

Acq: 03 Dec 2024 15:19

Instrument :

MSVOA\_X

ClientSampleId :

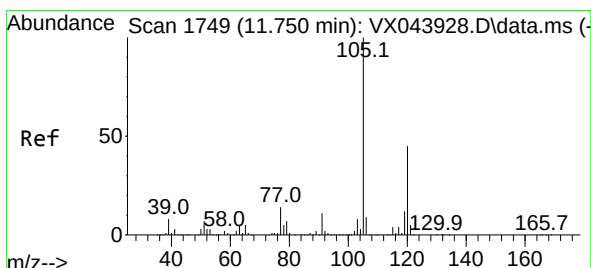
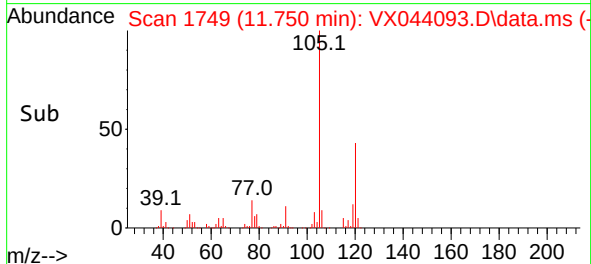
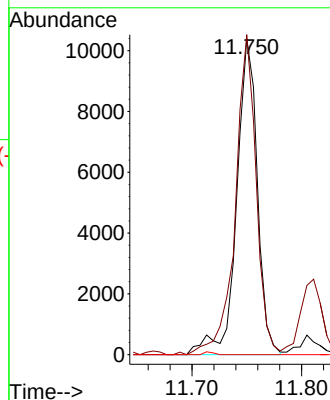
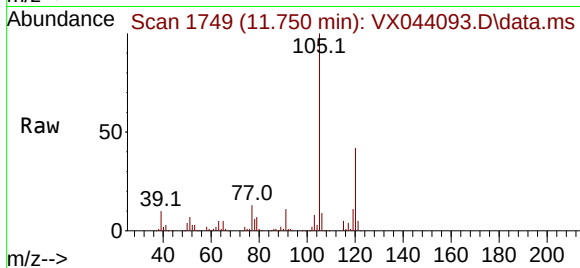
Tgt Ion:119 Resp: 13690

Ion Ratio Lower Upper

119 100

91 102.0 31.0 93.0#

134 0.0 11.6 34.8#



#84

1,2,4-Trimethylbenzene

Concen: 19.685 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX044093.D

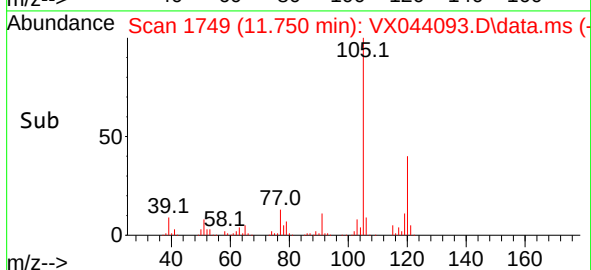
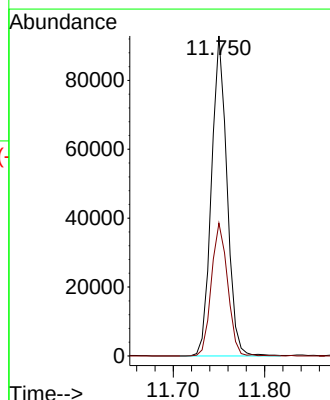
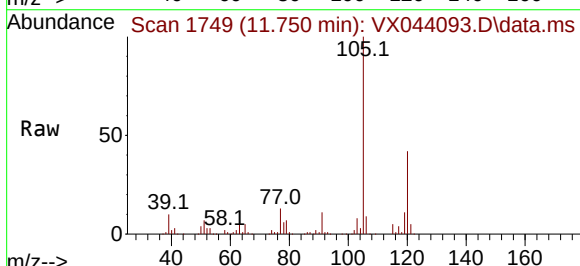
Acq: 03 Dec 2024 15:19

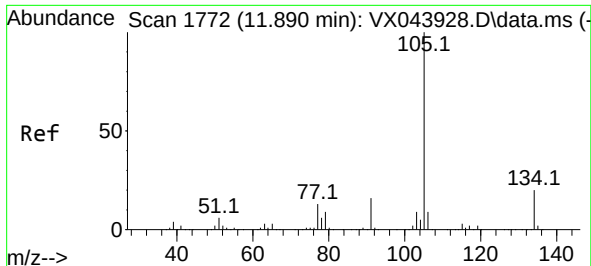
Tgt Ion:105 Resp: 109305

Ion Ratio Lower Upper

105 100

120 43.4 21.9 65.7

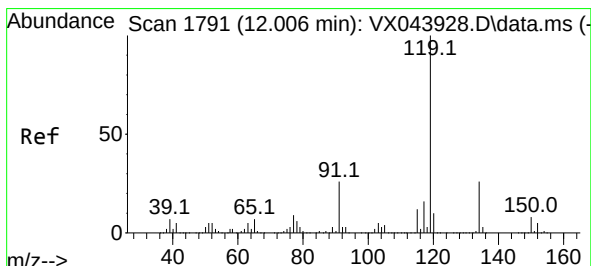
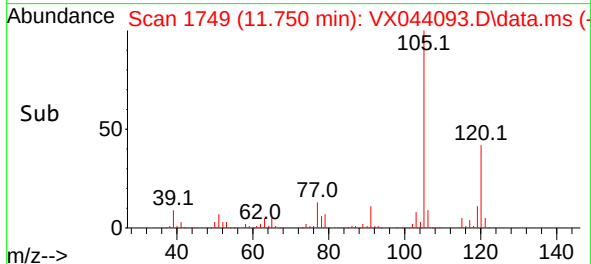
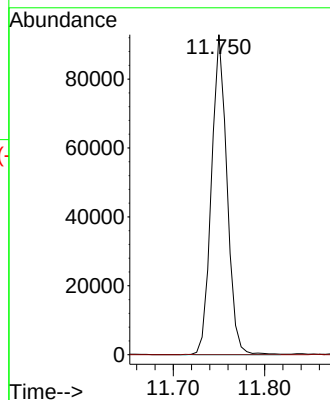
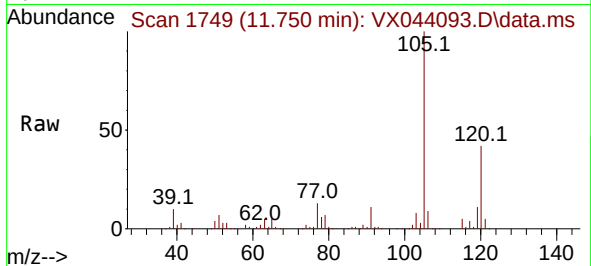




#85  
 sec-Butylbenzene  
 Concen: 16.138 ug/l  
 RT: 11.750 min Scan# 1179  
 Delta R.T. -0.140 min  
 Lab File: VX044093.D  
 Acq: 03 Dec 2024 15:19

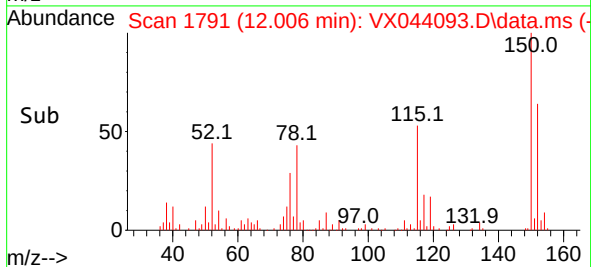
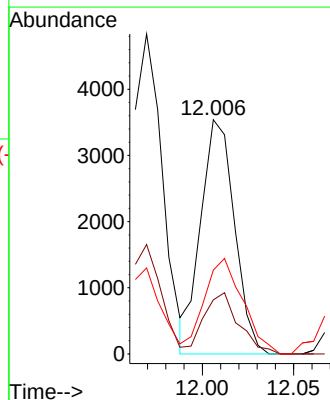
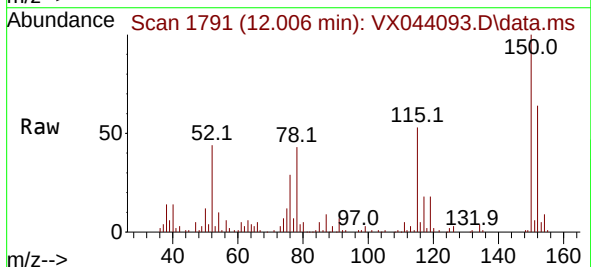
Instrument :  
 MSVOA\_X  
 ClientSampleId :

Tgt Ion:105 Resp: 109305  
 Ion Ratio Lower Upper  
 105 100  
 134 0.0 9.7 29.1#

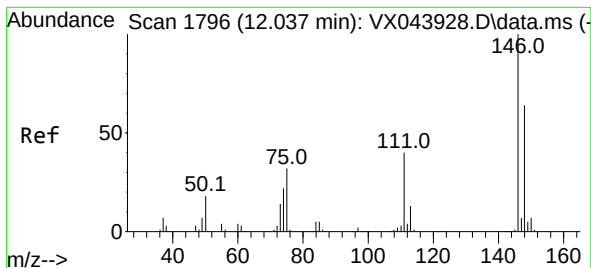


#86  
 p-Isopropyltoluene  
 Concen: 0.828 ug/l  
 RT: 12.006 min Scan# 1791  
 Delta R.T. -0.000 min  
 Lab File: VX044093.D  
 Acq: 03 Dec 2024 15:19

Tgt Ion:119 Resp: 4554  
 Ion Ratio Lower Upper  
 119 100  
 134 27.2 13.0 38.9  
 91 0.0 13.0 38.9#







#88

1,4-Dichlorobenzene

Concen: 0.204 ug/l

RT: 12.037 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX044093.D

Acq: 03 Dec 2024 15:19

Instrument :

MSVOA\_X

ClientSampleId :

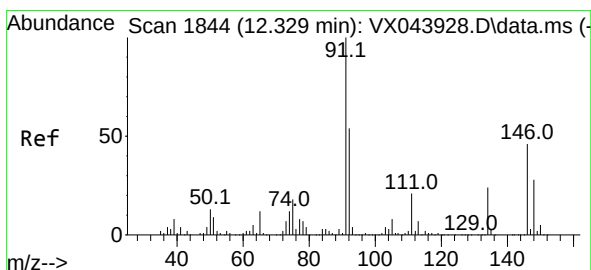
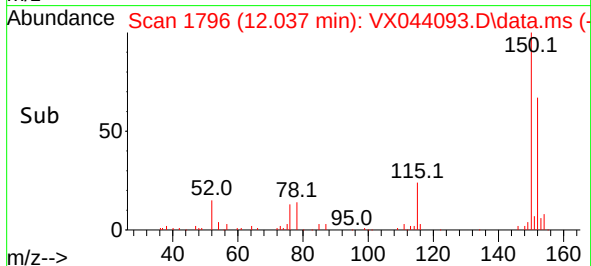
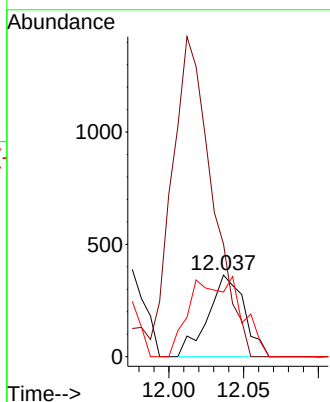
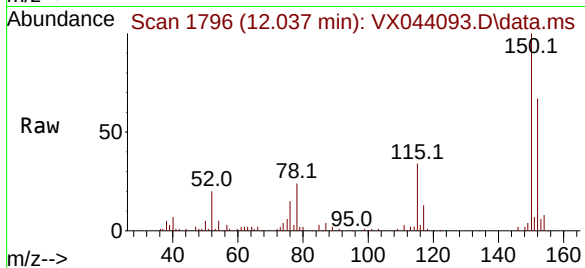
Tgt Ion:146 Resp: 614

Ion Ratio Lower Upper

146 100

111 0.0 20.1 60.3#

148 136.3 30.9 92.8#



#89

n-Butylbenzene

Concen: 48.564 ug/l

RT: 12.238 min Scan# 1829

Delta R.T. -0.091 min

Lab File: VX044093.D

Acq: 03 Dec 2024 15:19

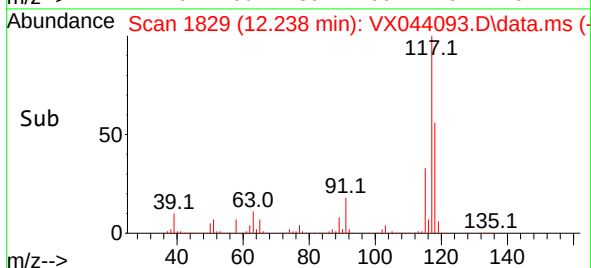
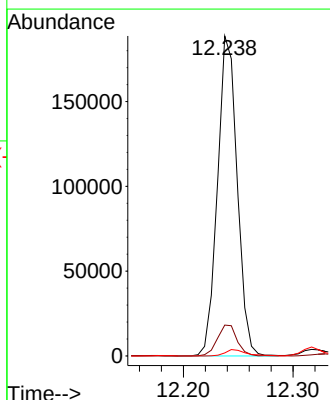
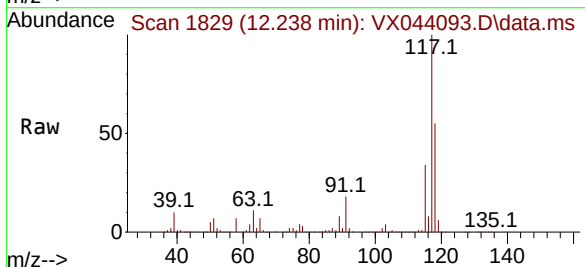
Tgt Ion: 91 Resp: 235570

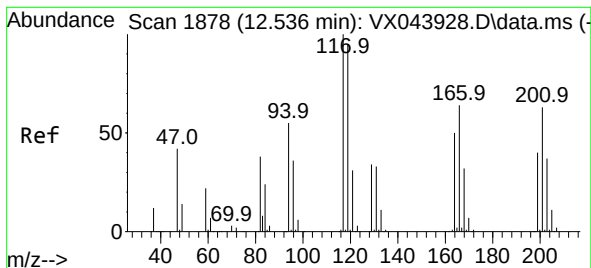
Ion Ratio Lower Upper

91 100

92 9.8 26.6 79.8#

134 2.1 12.4 37.2#





#90

Hexachloroethane

Concen: 53.088 ug/l

RT: 12.695 min Scan# 1904

Delta R.T. 0.158 min

Lab File: VX044093.D

Acq: 03 Dec 2024 15:19

Instrument :

MSVOA\_X

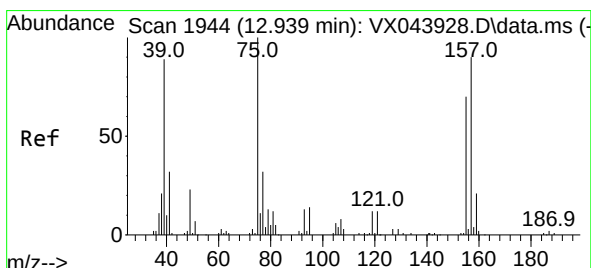
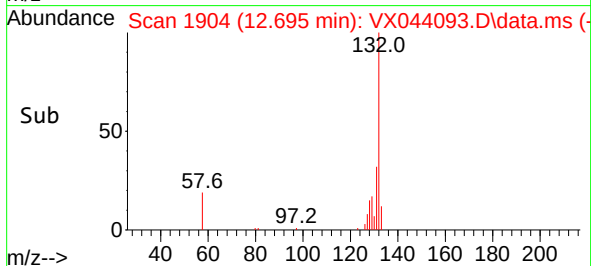
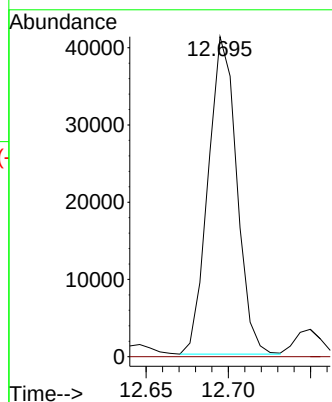
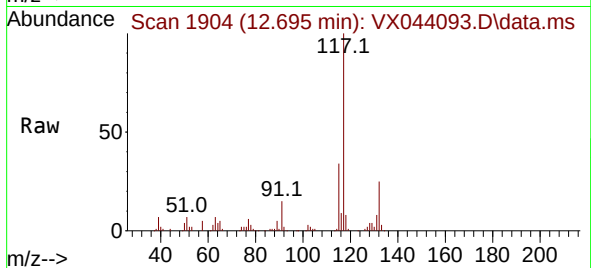
ClientSampleId :

Tgt Ion:117 Resp: 49666

Ion Ratio Lower Upper

117 100

201 0.0 32.4 97.0#



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.757 ug/l

RT: 12.957 min Scan# 1947

Delta R.T. 0.018 min

Lab File: VX044093.D

Acq: 03 Dec 2024 15:19

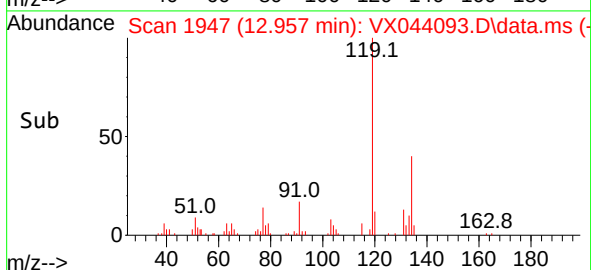
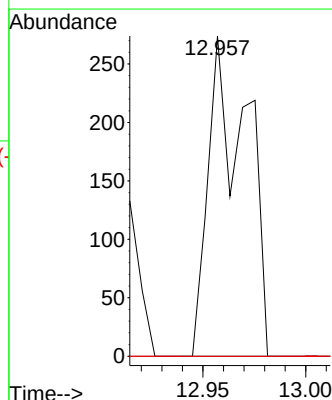
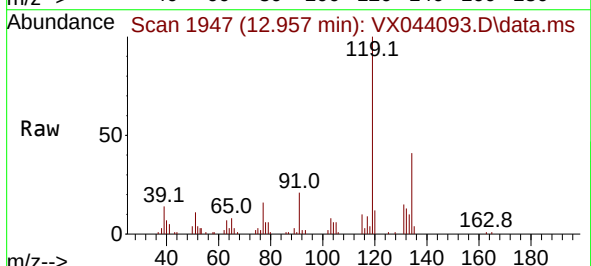
Tgt Ion: 75 Resp: 352

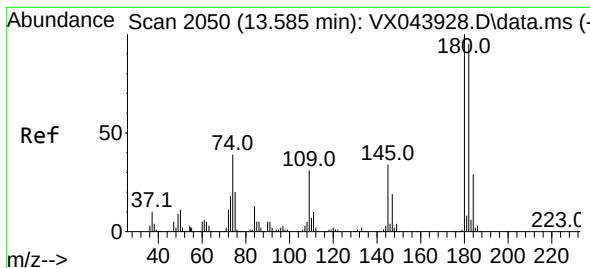
Ion Ratio Lower Upper

75 100

155 0.0 40.1 120.2#

157 0.0 49.6 149.0#





#93

1,2,4-Trichlorobenzene

Concen: 0.270 ug/l

RT: 13.591 min Scan# 2050

Delta R.T. 0.006 min

Lab File: VX044093.D

Acq: 03 Dec 2024 15:19

Instrument :

MSVOA\_X

ClientSampleId :

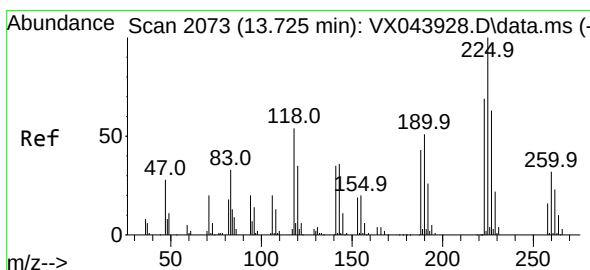
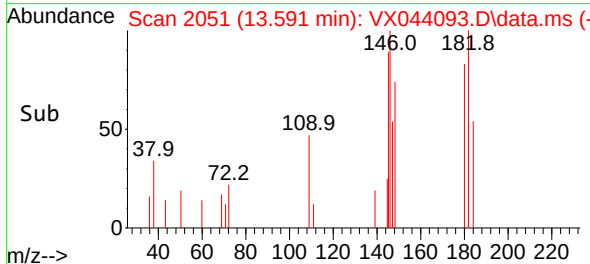
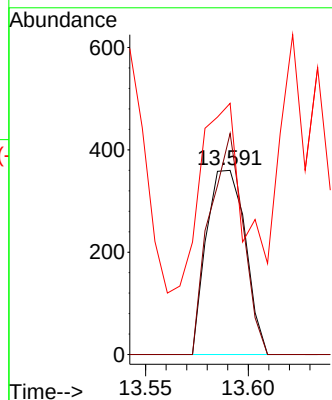
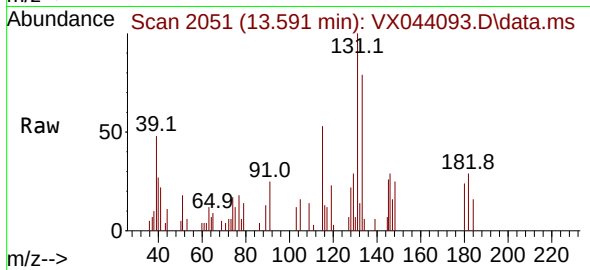
Tgt Ion:180 Resp: 473

Ion Ratio Lower Upper

180 100

182 103.4 48.0 144.2

145 148.2 16.8 50.4#



#94

Hexachlorobutadiene

Concen: 0.235 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. -0.000 min

Lab File: VX044093.D

Acq: 03 Dec 2024 15:19

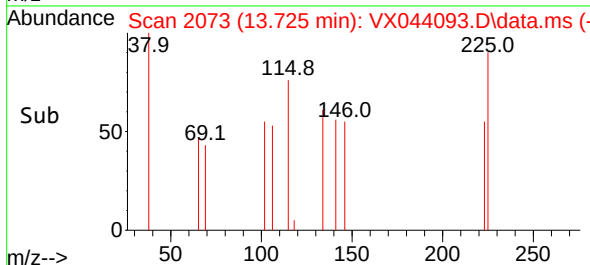
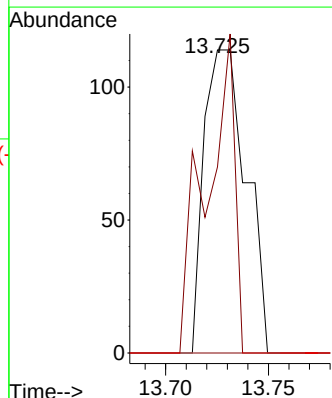
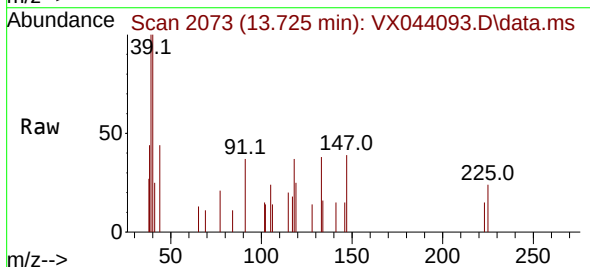
Tgt Ion:225 Resp: 163

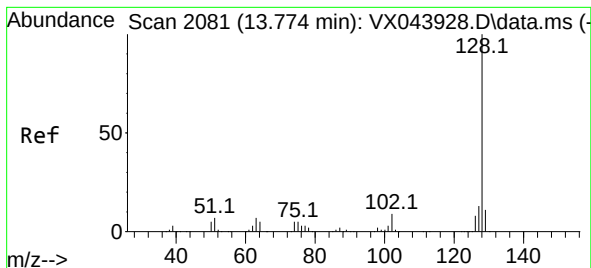
Ion Ratio Lower Upper

225 100

223 71.2 32.9 98.6

227 0.0 31.6 94.8#





#95

Naphthalene

Concen: 986.267 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX044093.D

Acq: 03 Dec 2024 15:19

Instrument :

MSVOA\_X

ClientSampleId :

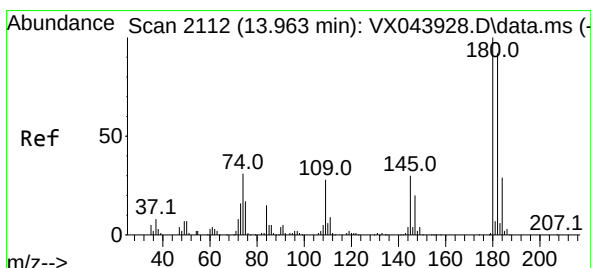
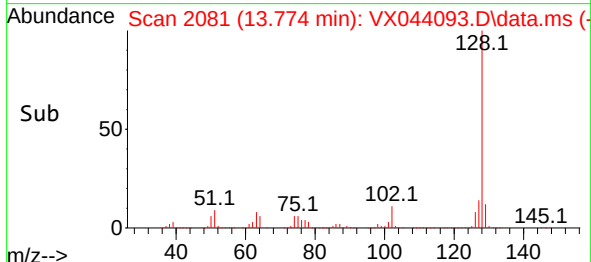
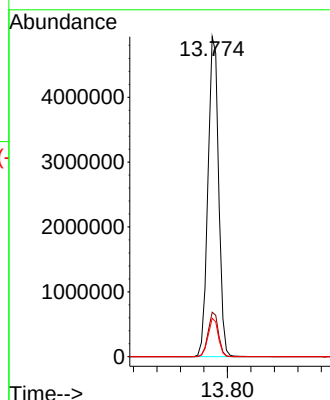
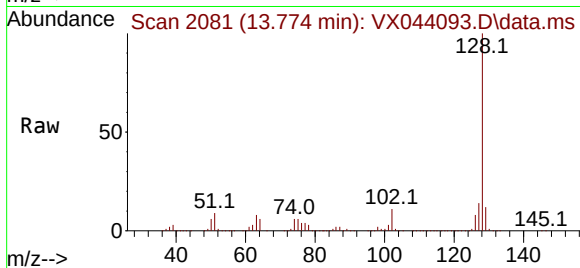
Tgt Ion:128 Resp: 6221699

Ion Ratio Lower Upper

128 100

127 13.5 10.2 15.2

129 11.5 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 0.349 ug/l

RT: 13.957 min Scan# 2111

Delta R.T. -0.006 min

Lab File: VX044093.D

Acq: 03 Dec 2024 15:19

Tgt Ion:180 Resp: 619

Ion Ratio Lower Upper

180 100

182 81.3 45.6 136.8

145 217.3 16.4 49.4#

