

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX011223\  
 Data File : VX033709.D  
 Acq On : 12 Jan 2023 13:38  
 Operator : JC/MD  
 Sample : 01130-01  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 230111061-02-VOA

Quant Time: Jan 13 00:02:20 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\624X010723W.M  
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
 QLast Update : Sat Jan 07 06:16:21 2023  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon  | Response | Conc     | Units       | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|-------------|----------|
| -----                       |        |       |          |          |             |          |
| Internal Standards          |        |       |          |          |             |          |
| 1) Bromochloromethane       | 4.898  | 128   | 12105    | 30.000   | ug/l        | 0.00     |
| 28) 1,4-Difluorobenzene     | 6.763  | 114   | 95580    | 30.000   | ug/l        | 0.00     |
| 57) Chlorobenzene-d5        | 10.055 | 117   | 100869   | 30.000   | ug/l        | 0.00     |
| System Monitoring Compounds |        |       |          |          |             |          |
| 27) 1,2-Dichloroethane-d4   | 5.952  | 65    | 34067    | 34.757   | ug/l        | 0.00     |
| Spiked Amount               | 30.000 | Range | 91 - 110 | Recovery | = 115.867%# |          |
| 60) 4-Bromofluorobenzene    | 11.079 | 95    | 42730    | 23.504   | ug/l        | 0.00     |
| Spiked Amount               | 30.000 | Range | 63 - 112 | Recovery | = 78.333%   |          |
| 63) Toluene-d8              | 8.647  | 98    | 99063    | 30.687   | ug/l        | 0.00     |
| Spiked Amount               | 30.000 | Range | 91 - 112 | Recovery | = 102.300%  |          |
| Target Compounds            |        |       |          |          |             |          |
|                             |        |       |          |          | Qvalue      |          |
| 4) Vinyl Chloride           | 1.374  | 62    | 444      | 0.362    | ug/l #      | 83       |
| 6) Chloroethane             | 1.691  | 64    | 157      | 0.219    | ug/l #      | 41       |
| 8) Diethyl Ether            | 2.130  | 74    | 2568     | 4.170    | ug/l        | 86       |
| 12) Methyl Acetate          | 2.703  | 43    | 502      | 0.259    | ug/l #      | 55       |
| 14) Acrylonitrile           | 3.111  | 53    | 220      | 0.345    | ug/l #      | 36       |
| 15) Acetone                 | 2.386  | 58    | 3076     | 21.290   | ug/l        | 87       |
| 16) Carbon Disulfide        | 2.514  | 76    | 1426     | 0.530    | ug/l #      | 85       |
| 17) Allyl chloride          | 2.660  | 41    | 17294    | 8.791    | ug/l #      | 35       |
| 22) cis-1,2-Dichloroethene  | 4.489  | 96    | 806      | 0.546    | ug/l #      | 62       |
| 23) tert-Butyl Alcohol      | 2.989  | 59    | 1758943  | 6975.125 | ug/l #      | 100      |
| 24) Methyl tert-Butyl Ether | 3.111  | 73    | 8119     | 2.056    | ug/l #      | 57       |
| 30) 2-Butanone              | 4.574  | 43    | 59191    | 54.861   | ug/l #      | 75       |
| 31) 2,2-Dichloropropane     | 4.574  | 77    | 76730    | 43.136   | ug/l #      | 52       |
| 34) Benzene                 | 6.038  | 78    | 22695    | 3.781    | ug/l        | 97       |
| 36) 1,2-Dichloroethane      | 6.092  | 62    | 672      | 0.308    | ug/l #      | 75       |
| 43) Ethyl Acetate           | 4.696  | 43    | 6968     | 3.152    | ug/l #      | 1        |
| 44) Isopropyl Acetate       | 6.330  | 43    | 738      | 0.213    | ug/l #      | 57       |
| 45) 1,4-Dioxane             | 7.702  | 88    | 2739     | 72.384   | ug/l #      | 1        |
| 47) n-amyl Acetate          | 11.067 | 43    | 915      | 0.310    | ug/l        | 93       |
| 50) 1,1,2-Trichloroethane   | 9.080  | 97    | 989      | 0.632    | ug/l #      | 21       |
| 51) Ethyl methacrylate      | 9.561  | 69    | 857      | 0.367    | ug/l        | 79       |
| 56) Bromoform               | 11.079 | 173   | 584      | 0.446    | ug/l #      | 1        |
| 58) 4-Methyl-2-Pentanone    | 8.568  | 43    | 14398    | 7.186    | ug/l #      | 81       |
| 59) 2-Hexanone              | 9.439  | 43    | 2178     | 1.477    | ug/l #      | 70       |
| 62) Toluene                 | 8.720  | 91    | 39564    | 6.231    | ug/l        | 96       |
| 64) Chlorobenzene           | 10.080 | 112   | 4287     | 1.048    | ug/l        | 93       |
| 66) Ethyl Benzene           | 10.195 | 91    | 10829    | 1.529    | ug/l        | 98       |
| 67) m/p-Xylenes             | 10.299 | 106   | 29571    | 10.581   | ug/l        | 100      |
| 68) o-Xylene                | 10.640 | 106   | 19240    | 7.004    | ug/l        | 96       |
| 69) Styrene                 | 10.653 | 104   | 2560     | 0.563    | ug/l #      | 1        |
| 70) Isopropylbenzene        | 10.964 | 105   | 2447     | 0.344    | ug/l        | 98       |
| 75) 2-Chlorotoluene         | 11.378 | 91    | 2004     | 0.415    | ug/l        | 68       |
| 76) 1,3,5-Trimethylbenzene  | 11.451 | 105   | 6097     | 1.032    | ug/l        | 93       |
| 77) t-1,4-Dichloro-2-butene | 11.012 | 75    | 227      | 0.391    | ug/l #      | 3        |
| 78) 4-Chlorotoluene         | 11.378 | 91    | 2004     | 0.370    | ug/l        | 74       |
| 79) tert-butylbenzene       | 11.890 | 119   | 1883     | 0.311    | ug/l        | 80       |
| 80) 1,2,4-Trimethylbenzene  | 11.750 | 105   | 16144    | 2.767    | ug/l        | 99       |
| 82) p-Isopropyltoluene      | 12.006 | 119   | 1372     | 0.217    | ug/l        | 78       |
| 84) 1,4-Dichlorobenzene     | 12.043 | 146   | 12306    | 3.591    | ug/l        | 98       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX011223\  
Data File : VX033709.D  
Acq On : 12 Jan 2023 13:38  
Operator : JC/MD  
Sample : 01130-01  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
230111061-02-VOA

Quant Time: Jan 13 00:02:20 2023  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\624X010723W.M  
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
QLast Update : Sat Jan 07 06:16:21 2023  
Response via : Initial Calibration

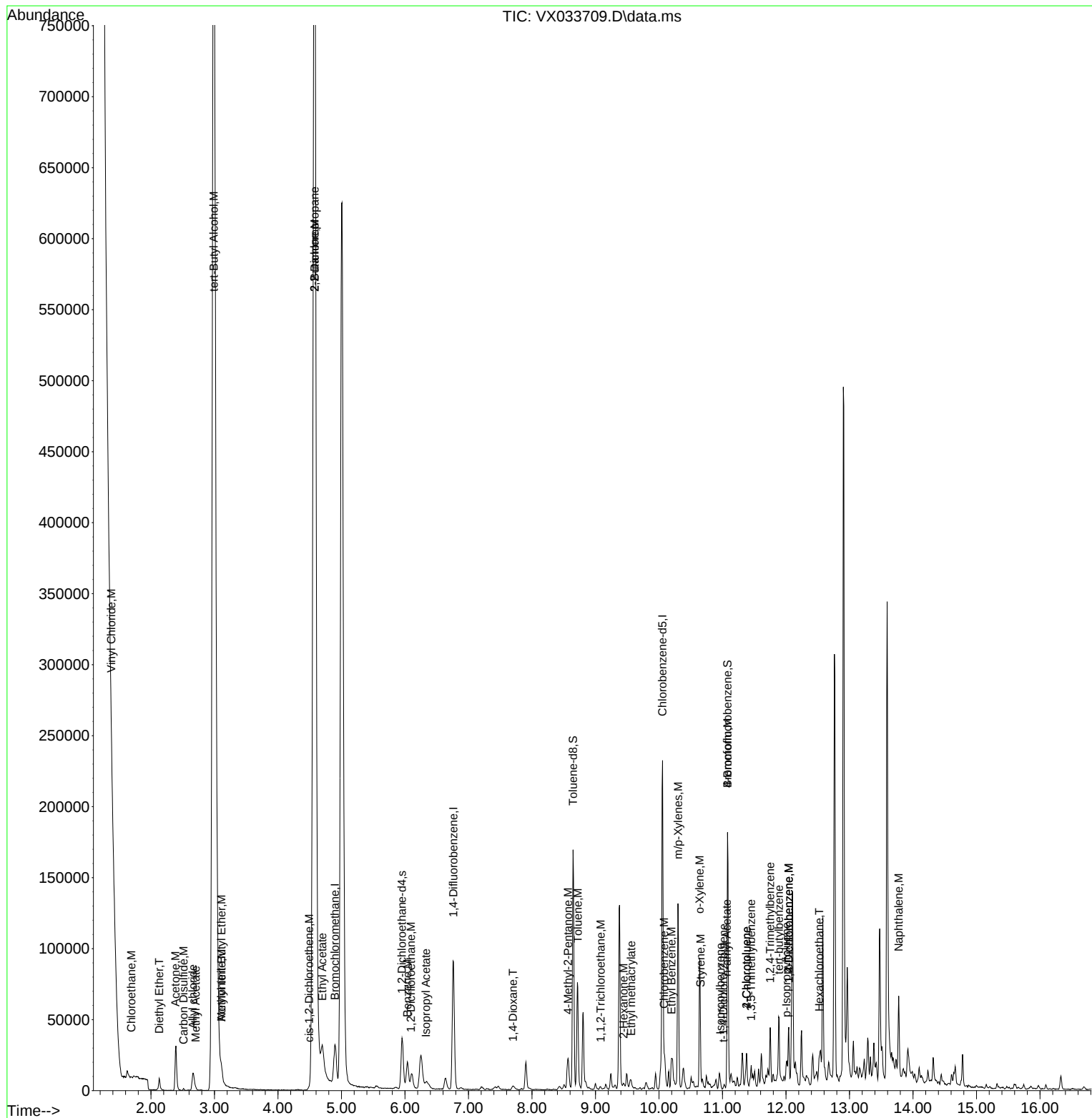
| Compound                | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-------------------------|--------|------|----------|-------|--------|----------|
| 86) Hexachloroethane    | 12.524 | 117  | 419      | 0.407 | ug/l # | 4        |
| 87) 1,2-Dichlorobenzene | 12.043 | 146  | 12306    | 3.717 | ug/l   | 97       |
| 91) Naphthalene         | 13.774 | 128  | 28774    | 4.303 | ug/l   | 99       |

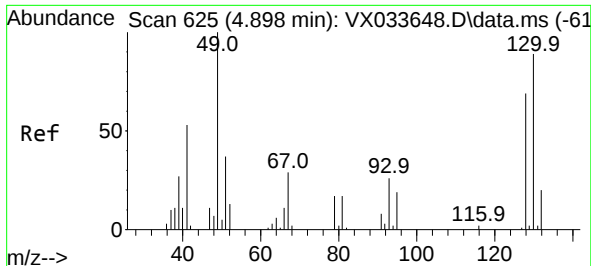
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX011223\  
Data File : VX033709.D  
Acq On : 12 Jan 2023 13:38  
Operator : JC/MD  
Sample : 01130-01  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
230111061-02-VOA

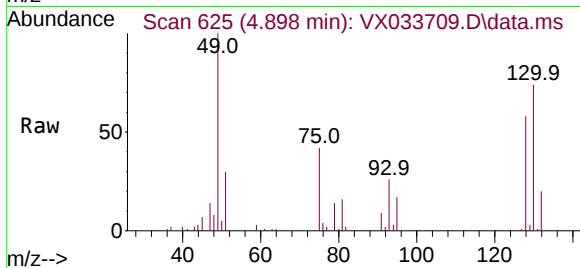
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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
QLast Update : Sat Jan 07 06:16:21 2023  
Response via : Initial Calibration



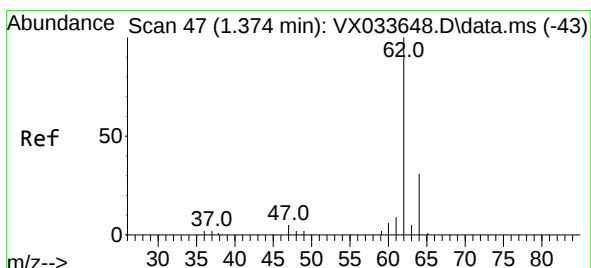
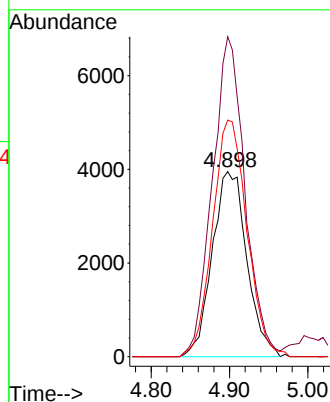
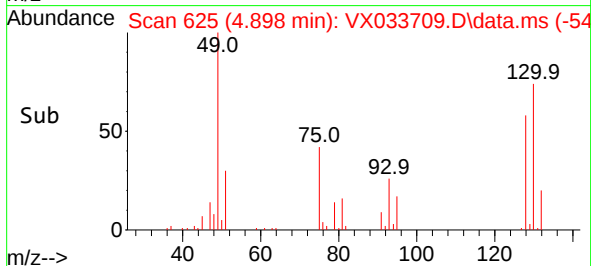


#1  
Bromochloromethane  
Concen: 30.000 ug/l  
RT: 4.898 min Scan# 61  
Delta R.T. -0.000 min  
Lab File: VX033709.D  
Acq: 12 Jan 2023 13:38

Instrument :  
MSVOA\_X  
ClientSampleId :  
230111061-02-VOA

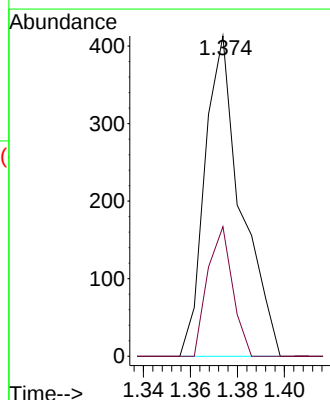
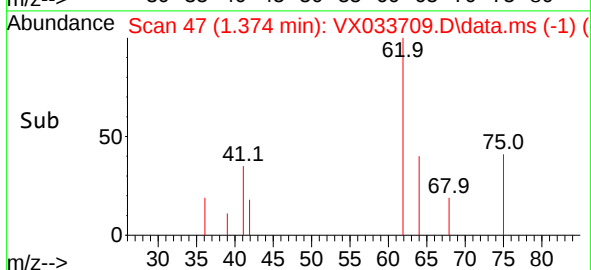
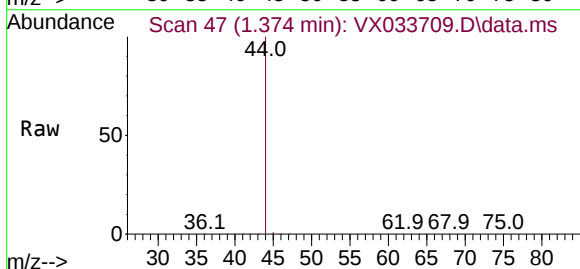


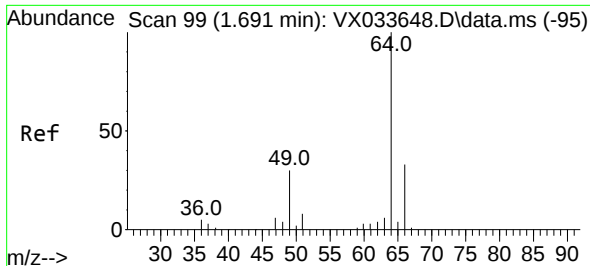
Tgt Ion:128 Resp: 12105  
Ion Ratio Lower Upper  
128 100  
49 162.7 0.0 398.5  
130 127.5 0.0 329.0



#4  
Vinyl Chloride  
Concen: 0.362 ug/l  
RT: 1.374 min Scan# 47  
Delta R.T. 0.000 min  
Lab File: VX033709.D  
Acq: 12 Jan 2023 13:38

Tgt Ion: 62 Resp: 444  
Ion Ratio Lower Upper  
62 100  
64 40.4 24.9 37.3#

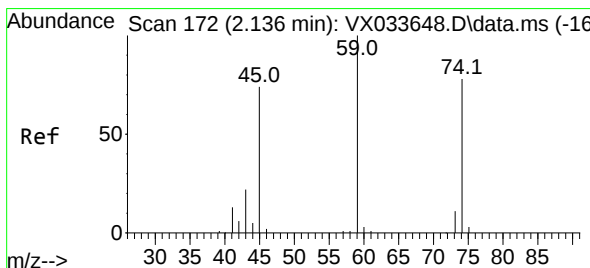
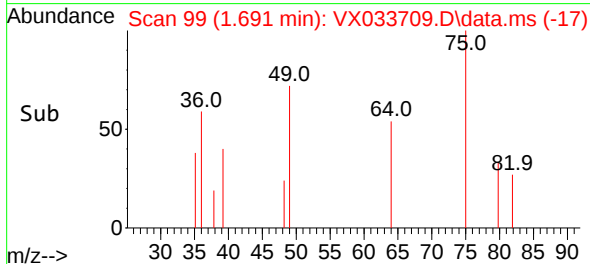
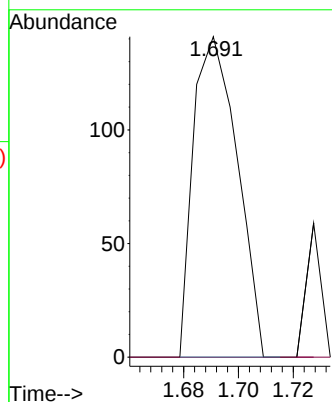
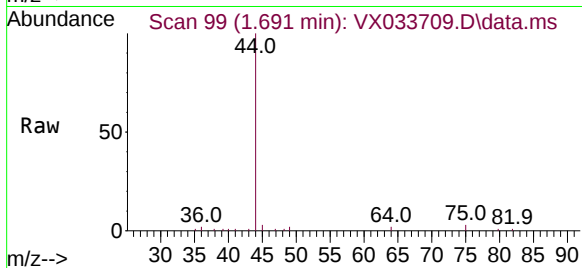




#6  
Chloroethane  
Concen: 0.219 ug/l  
RT: 1.691 min Scan# 99  
Delta R.T. 0.000 min  
Lab File: VX033709.D  
Acq: 12 Jan 2023 13:38

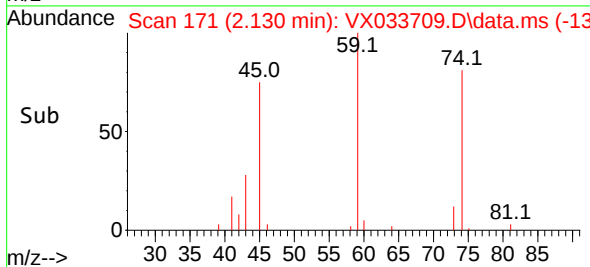
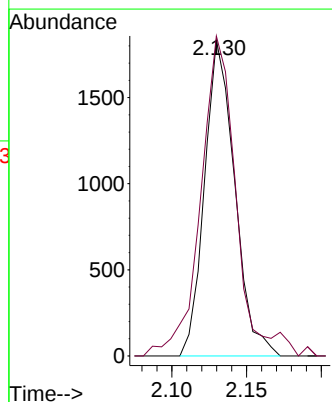
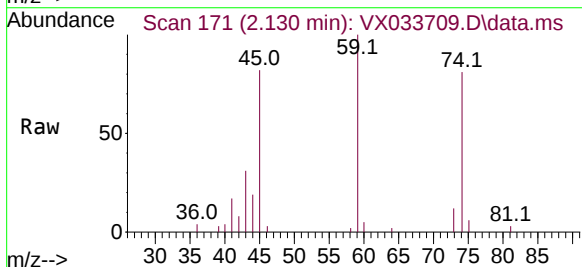
Instrument :  
MSVOA\_X  
ClientSampleId :  
230111061-02-VOA

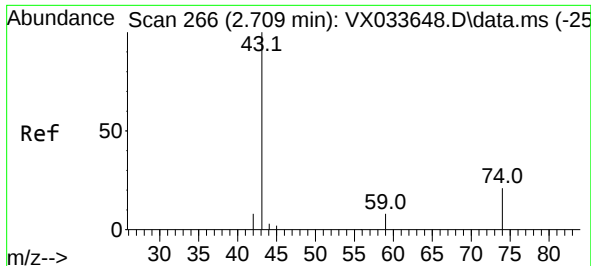
Tgt Ion: 64 Resp: 157  
Ion Ratio Lower Upper  
64 100  
66 0.0 26.6 40.0#



#8  
Diethyl Ether  
Concen: 4.170 ug/l  
RT: 2.130 min Scan# 171  
Delta R.T. -0.006 min  
Lab File: VX033709.D  
Acq: 12 Jan 2023 13:38

Tgt Ion: 74 Resp: 2568  
Ion Ratio Lower Upper  
74 100  
45 115.5 20.3 182.9

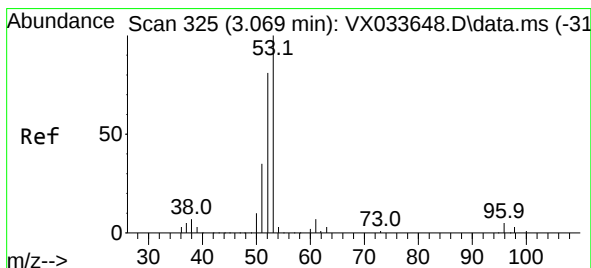
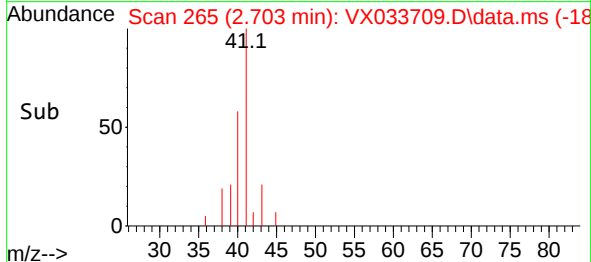
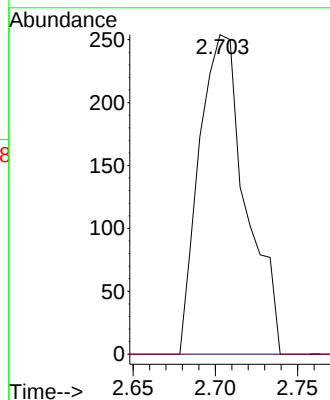
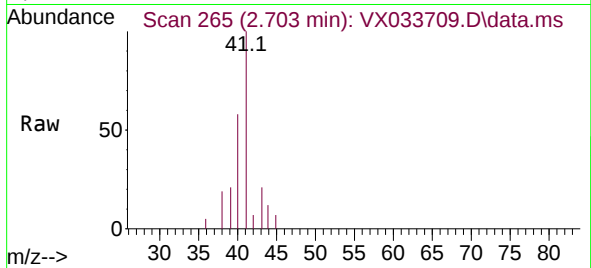




#12  
Methyl Acetate  
Concen: 0.259 ug/l  
RT: 2.703 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: VX033709.D  
Acq: 12 Jan 2023 13:38

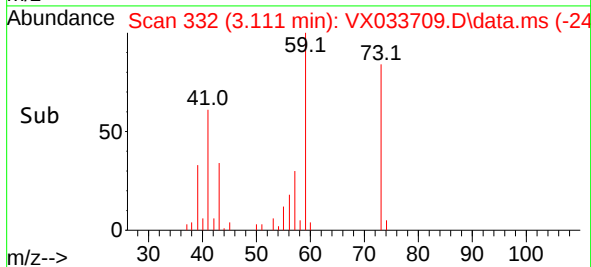
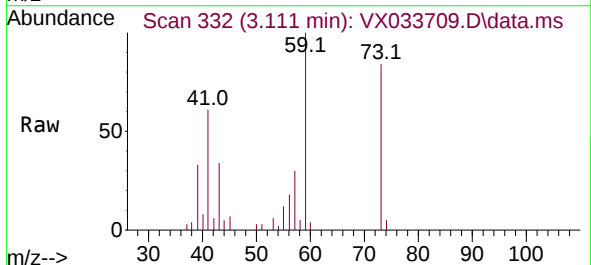
Instrument :  
MSVOA\_X  
ClientSampleId :  
230111061-02-VOA

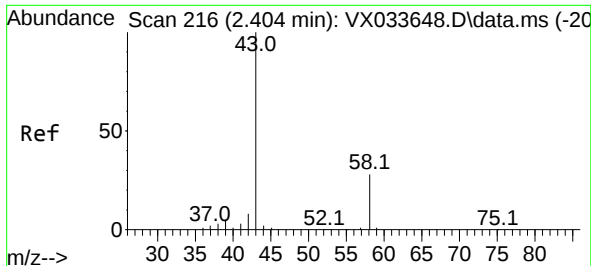
Tgt Ion: 43 Resp: 502  
Ion Ratio Lower Upper  
43 100  
74 0.0 17.0 25.6#



#14  
Acrylonitrile  
Concen: 0.345 ug/l  
RT: 3.111 min Scan# 332  
Delta R.T. 0.043 min  
Lab File: VX033709.D  
Acq: 12 Jan 2023 13:38

Tgt Ion: 53 Resp: 220  
Ion Ratio Lower Upper  
53 100  
52 35.9 41.3 124.1#  
51 90.0 18.4 55.4#





#15

Acetone

Concen: 21.290 ug/l

RT: 2.386 min Scan# 21

Delta R.T. -0.018 min

Lab File: VX033709.D

Acq: 12 Jan 2023 13:38

Instrument :

MSVOA\_X

ClientSampleId :

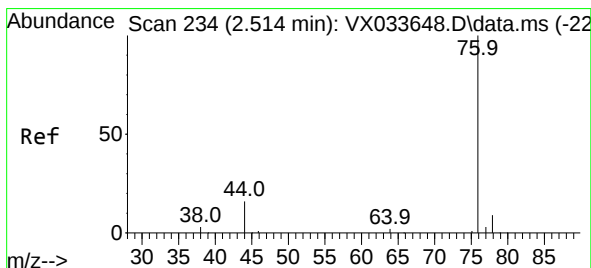
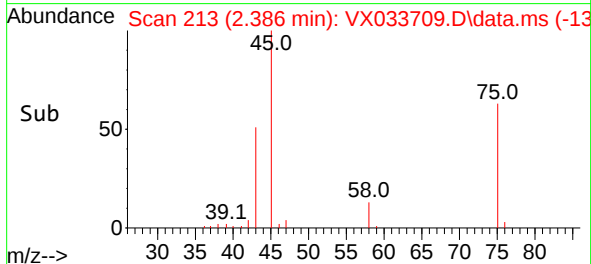
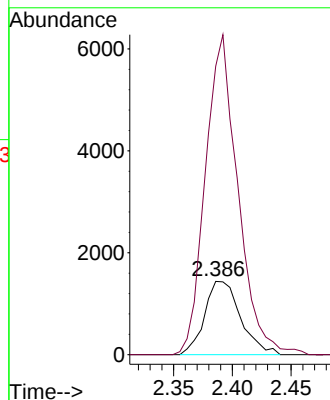
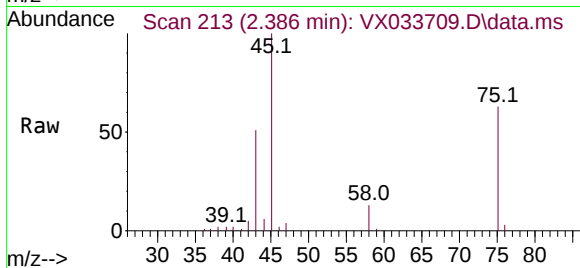
230111061-02-VOA

Tgt Ion: 58 Resp: 3076

Ion Ratio Lower Upper

58 100

43 389.2 288.3 432.5



#16

Carbon Disulfide

Concen: 0.530 ug/l

RT: 2.514 min Scan# 234

Delta R.T. 0.000 min

Lab File: VX033709.D

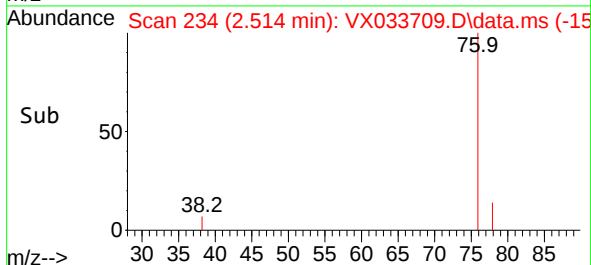
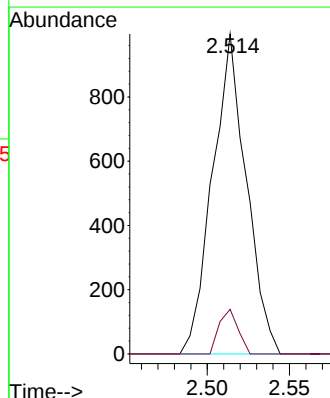
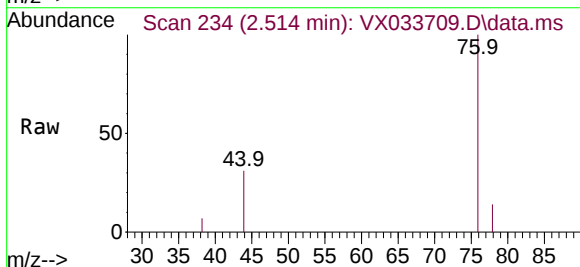
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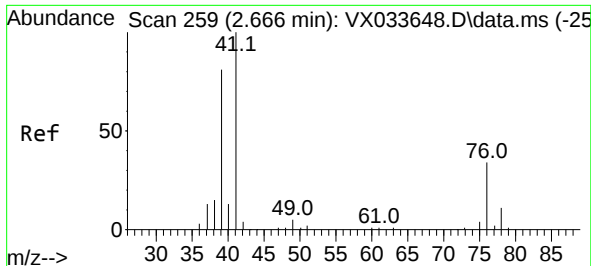
Tgt Ion: 76 Resp: 1426

Ion Ratio Lower Upper

76 100

78 14.0 7.0 10.4#





#17

Allyl chloride

Concen: 8.791 ug/l

RT: 2.660 min Scan# 21

Delta R.T. -0.006 min

Lab File: VX033709.D

Acq: 12 Jan 2023 13:38

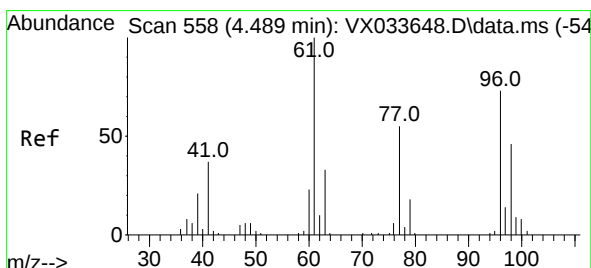
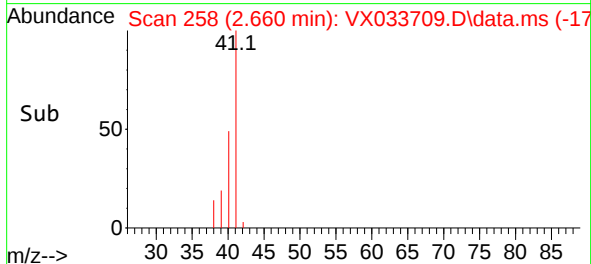
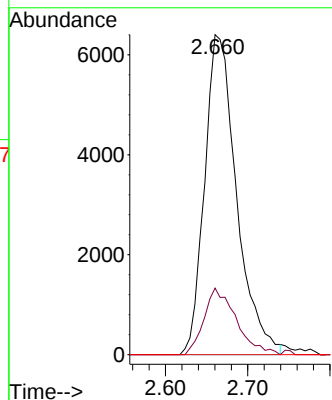
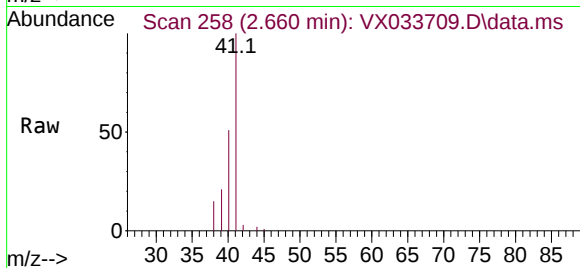
Instrument :

MSVOA\_X

ClientSampleId :

230111061-02-VOA

|             |             |
|-------------|-------------|
| Tgt Ion: 41 | Resp: 17294 |
| Ion Ratio   | Lower Upper |
| 41 100      |             |
| 39 20.8     | 40.3 120.8# |
| 76 0.0      | 17.0 50.9#  |



#22

cis-1,2-Dichloroethene

Concen: 0.546 ug/l

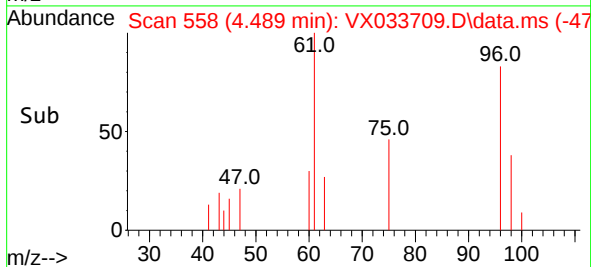
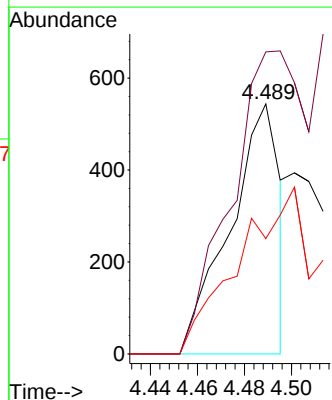
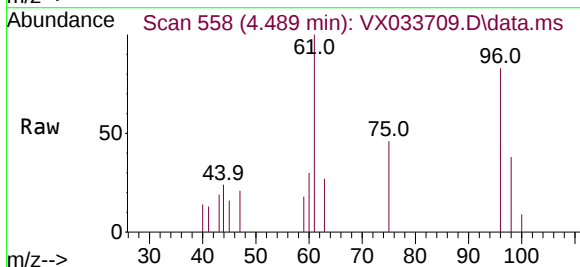
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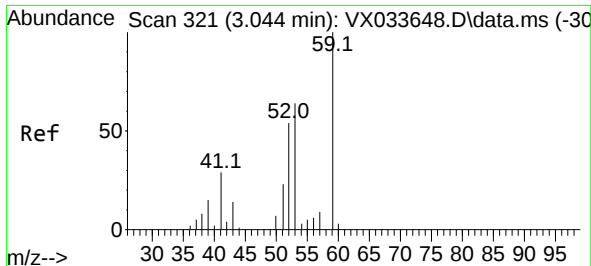
Delta R.T. 0.000 min

Lab File: VX033709.D

Acq: 12 Jan 2023 13:38

|             |              |
|-------------|--------------|
| Tgt Ion: 96 | Resp: 806    |
| Ion Ratio   | Lower Upper  |
| 96 100      |              |
| 61 178.2    | 114.2 171.2# |
| 98 19.1     | 51.4 77.0#   |

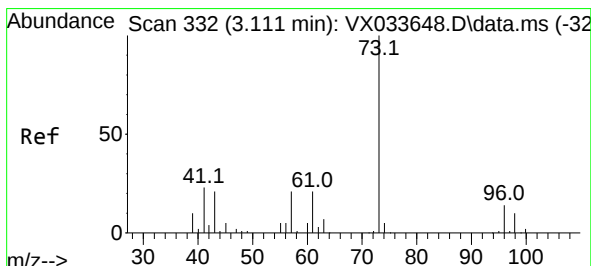
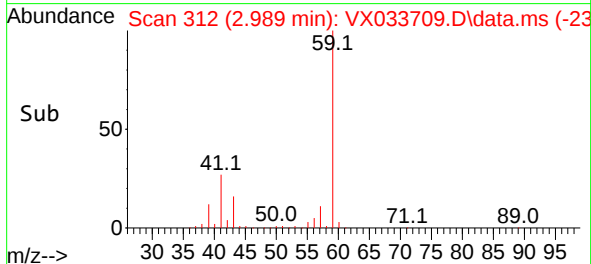
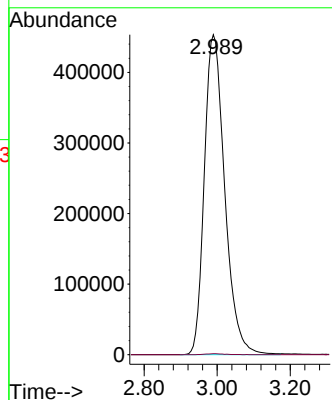
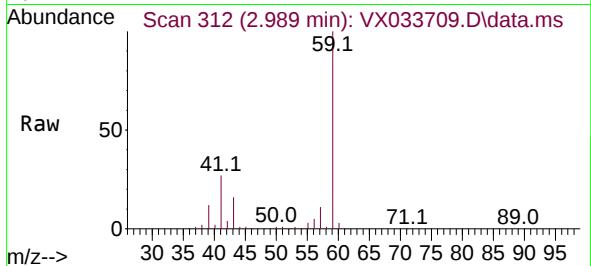




#23  
tert-Butyl Alcohol  
Concen: 6975.125 ug/l  
RT: 2.989 min Scan# 31  
Delta R.T. -0.055 min  
Lab File: VX033709.D  
Acq: 12 Jan 2023 13:38

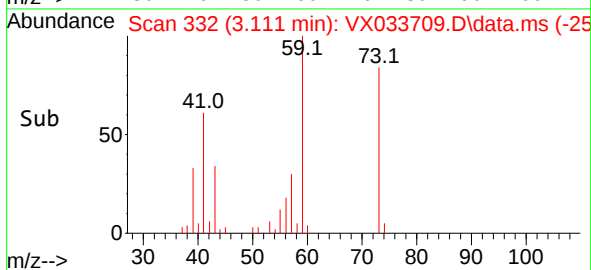
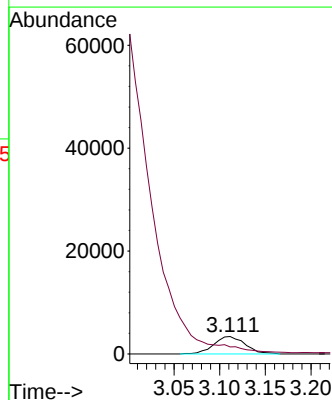
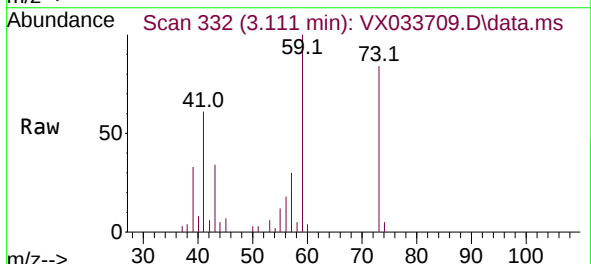
Instrument :  
MSVOA\_X  
ClientSampleId :  
230111061-02-VOA

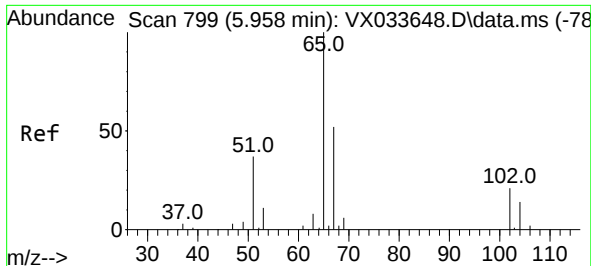
Tgt Ion: 59 Resp: 1758943  
Ion Ratio Lower Upper  
59 100  
52 0.3 0.2 0.2#



#24  
Methyl tert-Butyl Ether  
Concen: 2.056 ug/l  
RT: 3.111 min Scan# 332  
Delta R.T. 0.000 min  
Lab File: VX033709.D  
Acq: 12 Jan 2023 13:38

Tgt Ion: 73 Resp: 8119  
Ion Ratio Lower Upper  
73 100  
43 1.9 18.1 27.1#





#27

1,2-Dichloroethane-d4

Concen: 34.757 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX033709.D

Acq: 12 Jan 2023 13:38

Instrument :

MSVOA\_X

ClientSampleId :

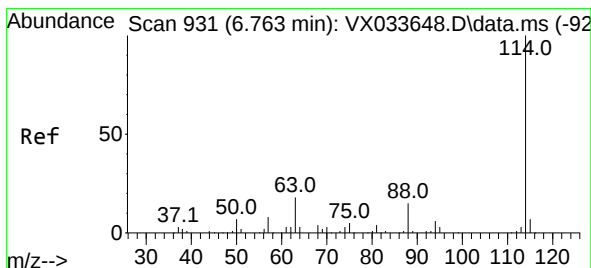
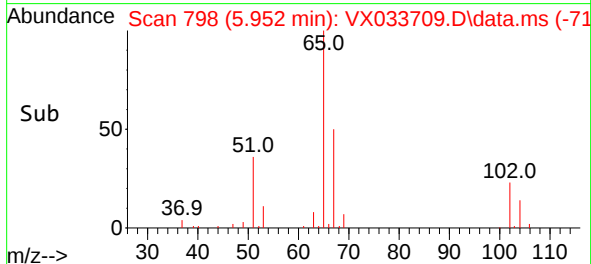
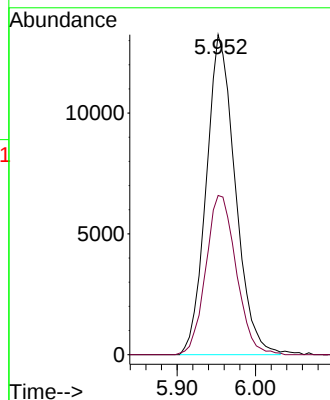
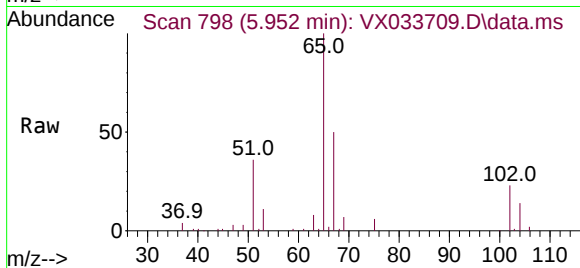
230111061-02-VOA

Tgt Ion: 65 Resp: 34067

Ion Ratio Lower Upper

65 100

67 52.1 40.4 60.6



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX033709.D

Acq: 12 Jan 2023 13:38

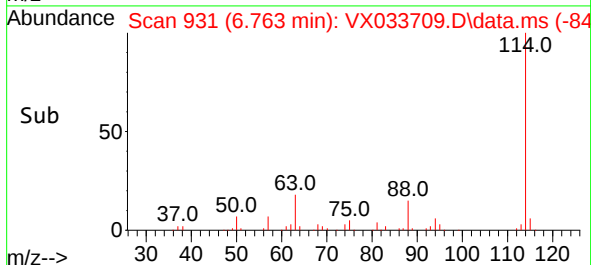
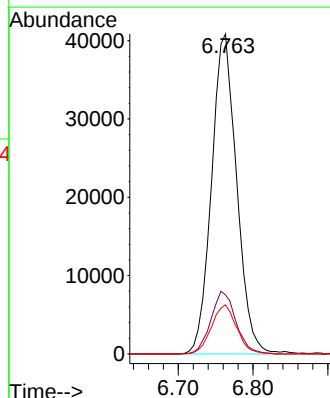
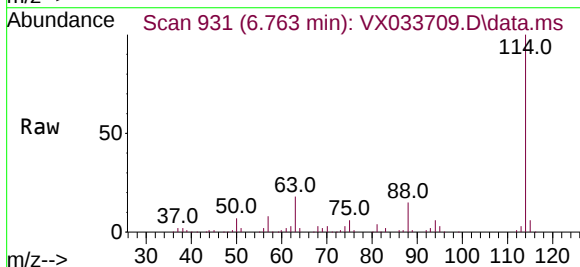
Tgt Ion: 114 Resp: 95580

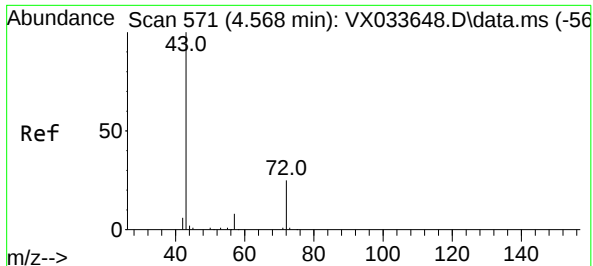
Ion Ratio Lower Upper

114 100

63 19.5 15.5 23.3

88 15.4 12.4 18.6

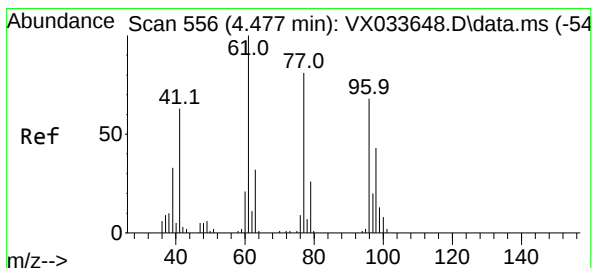
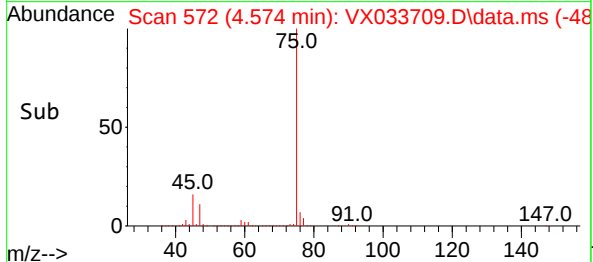
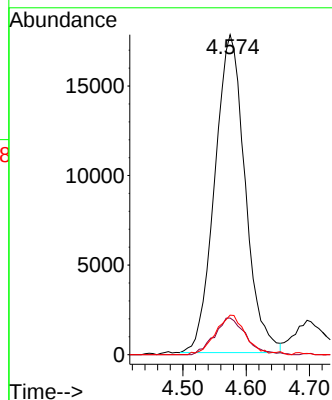
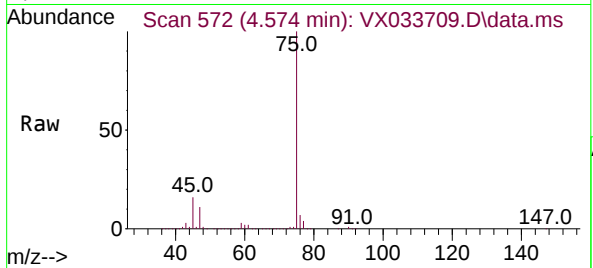




#30  
2-Butanone  
Concen: 54.861 ug/l  
RT: 4.574 min Scan# 51  
Delta R.T. 0.006 min  
Lab File: VX033709.D  
Acq: 12 Jan 2023 13:38

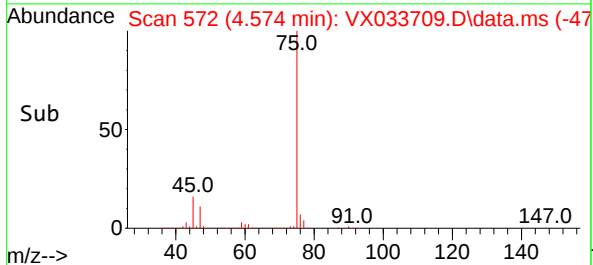
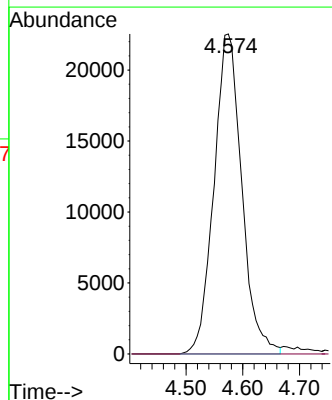
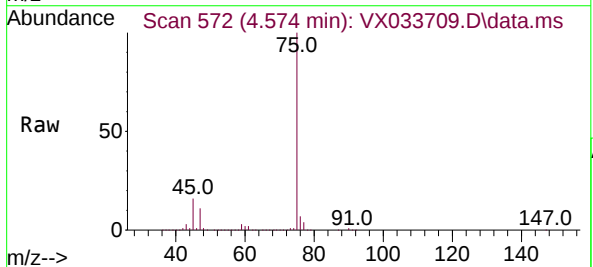
Instrument :  
MSVOA\_X  
ClientSampleId :  
230111061-02-VOA

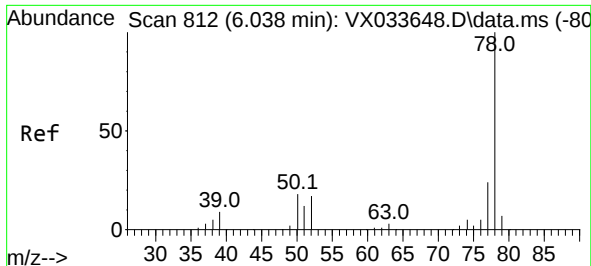
Tgt Ion: 43 Resp: 59191  
Ion Ratio Lower Upper  
43 100  
57 12.0 3.4 5.2#  
72 12.1 19.8 29.6#



#31  
2,2-Dichloropropane  
Concen: 43.136 ug/l  
RT: 4.574 min Scan# 572  
Delta R.T. 0.098 min  
Lab File: VX033709.D  
Acq: 12 Jan 2023 13:38

Tgt Ion: 77 Resp: 76730  
Ion Ratio Lower Upper  
77 100  
97 0.0 19.0 28.6#





#34

Benzene

Concen: 3.781 ug/l

RT: 6.038 min Scan# 812

Delta R.T. 0.000 min

Lab File: VX033709.D

Acq: 12 Jan 2023 13:38

Instrument :

MSVOA\_X

ClientSampleId :

230111061-02-VOA

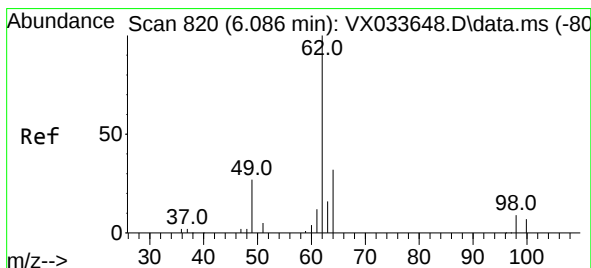
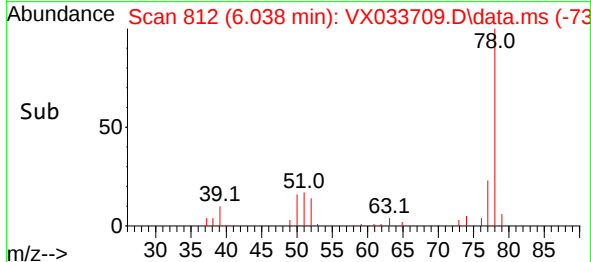
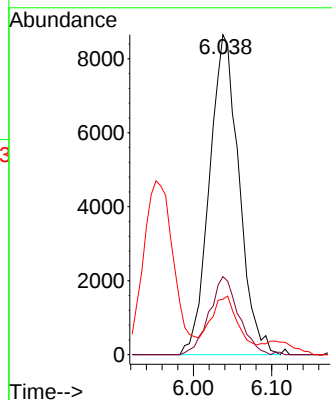
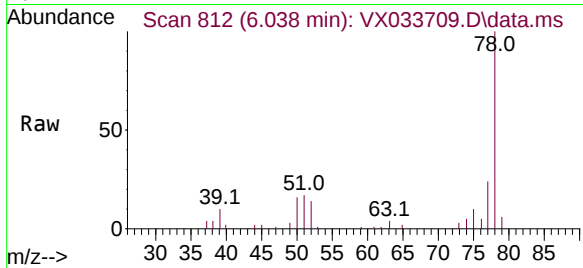
Tgt Ion: 78 Resp: 22695

Ion Ratio Lower Upper

78 100

77 24.4 19.5 29.3

51 13.5 13.0 19.6



#36

1,2-Dichloroethane

Concen: 0.308 ug/l

RT: 6.092 min Scan# 821

Delta R.T. 0.006 min

Lab File: VX033709.D

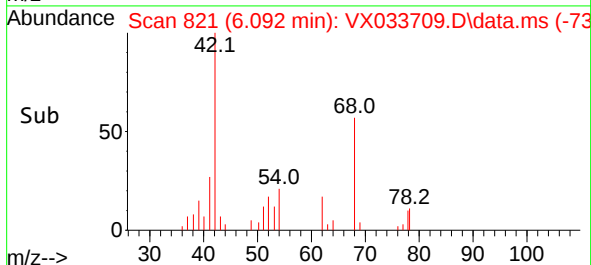
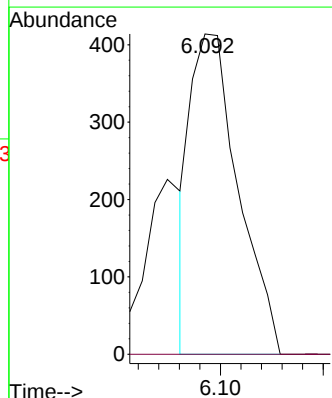
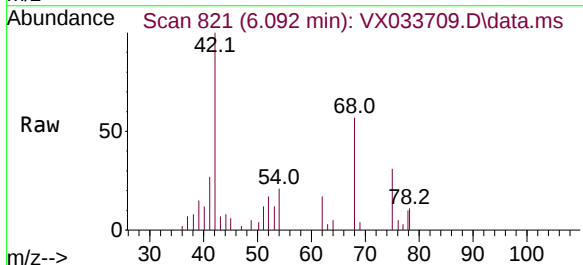
Acq: 12 Jan 2023 13:38

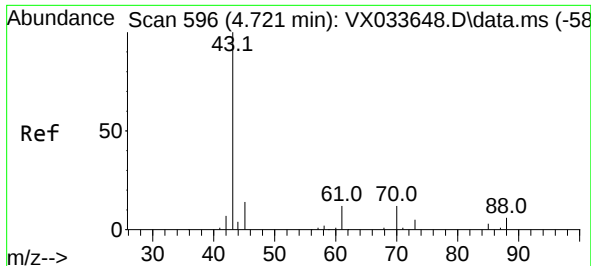
Tgt Ion: 62 Resp: 672

Ion Ratio Lower Upper

62 100

98 0.0 7.4 11.0#





#43

Ethyl Acetate

Concen: 3.152 ug/l

RT: 4.696 min Scan# 51

Delta R.T. -0.024 min

Lab File: VX033709.D

Acq: 12 Jan 2023 13:38

Instrument :

MSVOA\_X

ClientSampleId :

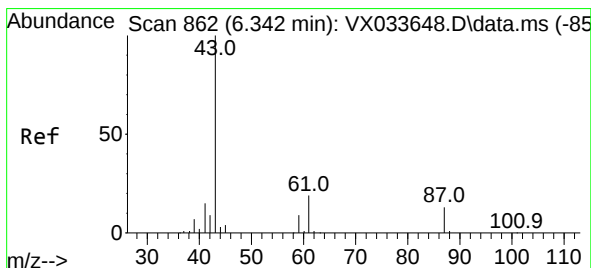
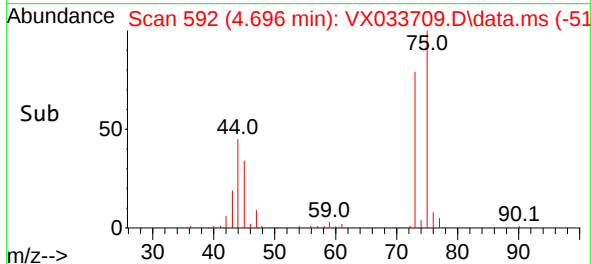
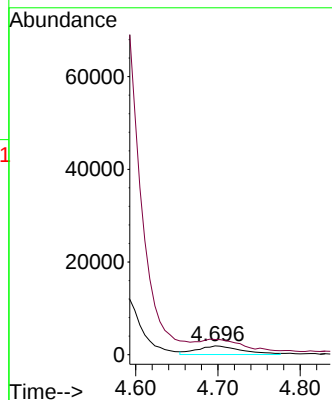
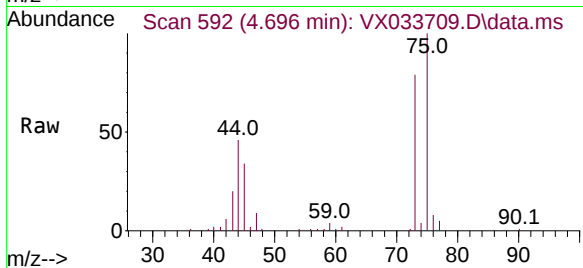
230111061-02-VOA

Tgt Ion: 43 Resp: 6968

Ion Ratio Lower Upper

43 100

45 87.4 11.2 16.8#



#44

Isopropyl Acetate

Concen: 0.213 ug/l

RT: 6.330 min Scan# 860

Delta R.T. -0.012 min

Lab File: VX033709.D

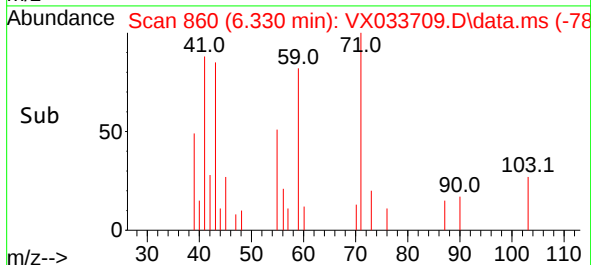
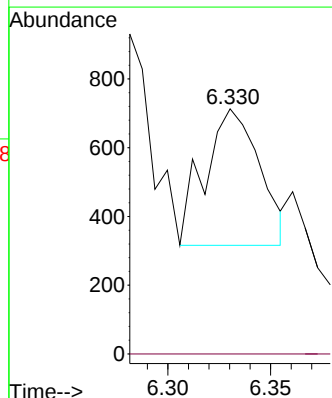
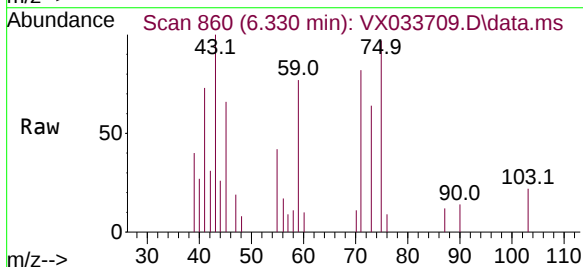
Acq: 12 Jan 2023 13:38

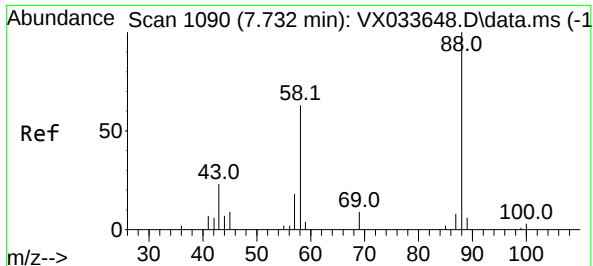
Tgt Ion: 43 Resp: 738

Ion Ratio Lower Upper

43 100

61 0.0 15.4 23.2#





#45

1,4-Dioxane

Concen: 72.384 ug/l

RT: 7.702 min Scan# 1085

Delta R.T. -0.030 min

Lab File: VX033709.D

Acq: 12 Jan 2023 13:38

Instrument :

MSVOA\_X

ClientSampleId :

230111061-02-VOA

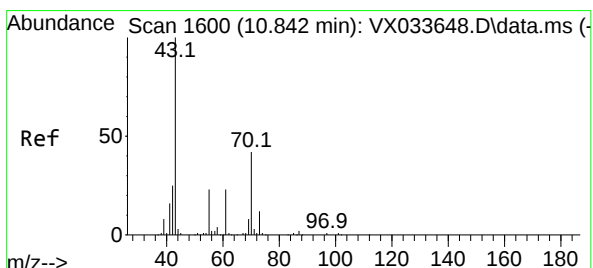
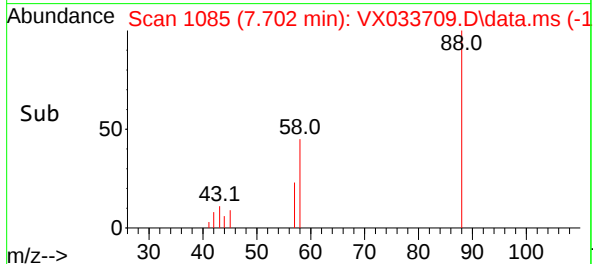
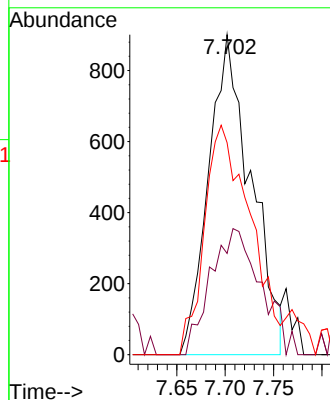
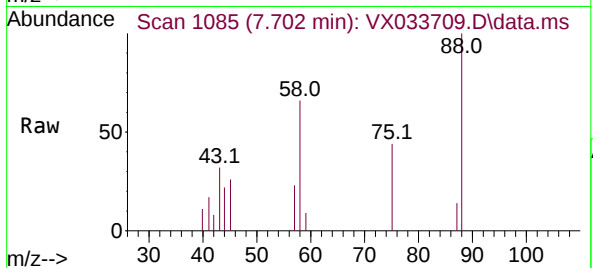
Tgt Ion: 88 Resp: 2739

Ion Ratio Lower Upper

88 100

43 41.9 1.2 1.8#

58 77.9 8.5 12.7#



#47

n-amy1 Acetate

Concen: 0.310 ug/l

RT: 11.067 min Scan# 1637

Delta R.T. 0.226 min

Lab File: VX033709.D

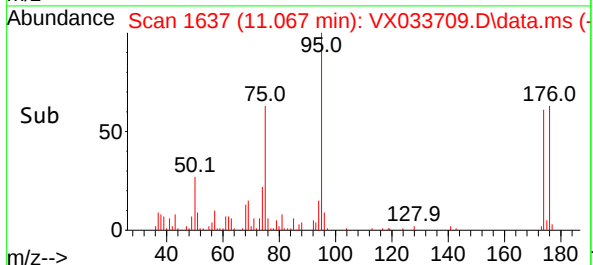
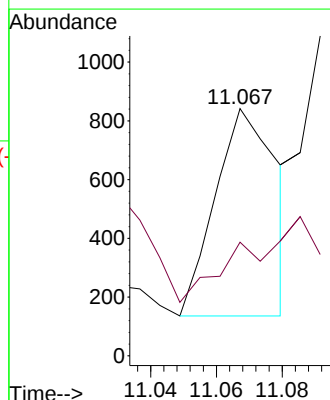
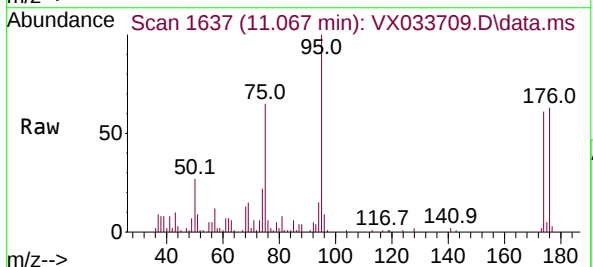
Acq: 12 Jan 2023 13:38

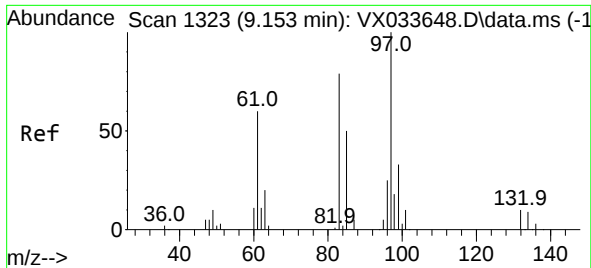
Tgt Ion: 43 Resp: 915

Ion Ratio Lower Upper

43 100

55 20.8 19.3 28.9

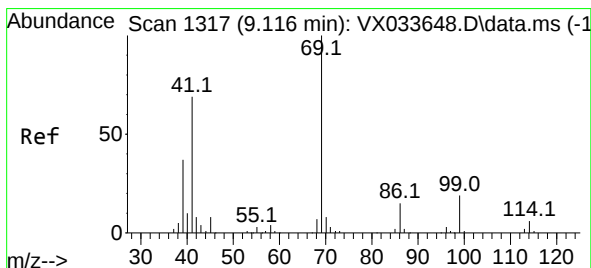
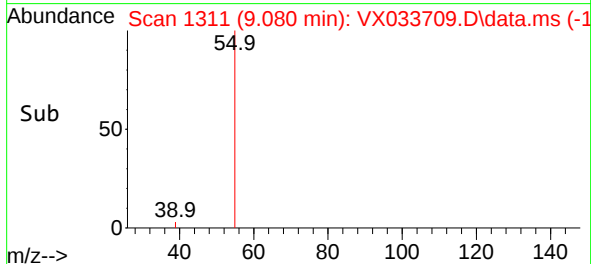
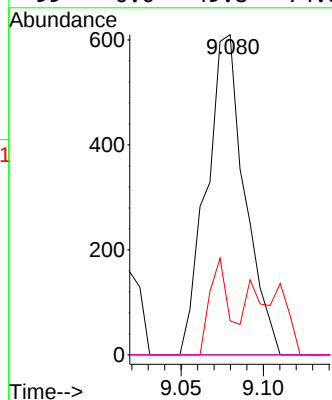
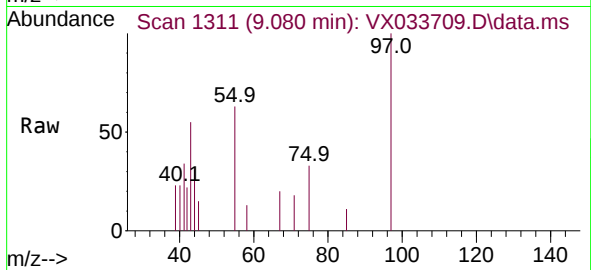




#50  
1,1,2-Trichloroethane  
Concen: 0.632 ug/l  
RT: 9.080 min Scan# 11  
Delta R.T. -0.073 min  
Lab File: VX033709.D  
Acq: 12 Jan 2023 13:38

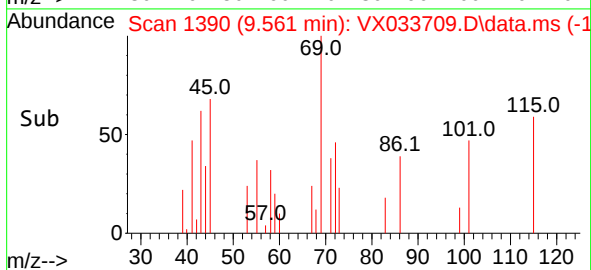
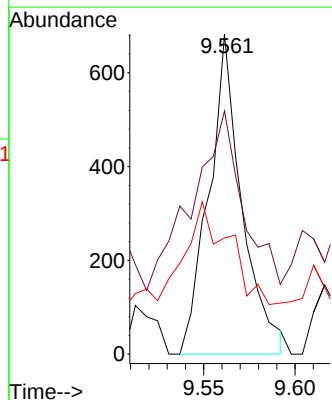
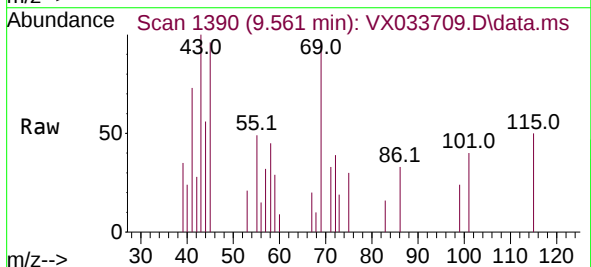
Instrument :  
MSVOA\_X  
ClientSampleId :  
230111061-02-VOA

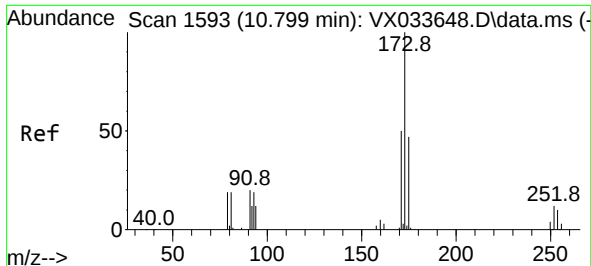
|             |       |             |
|-------------|-------|-------------|
| Tgt Ion: 97 | Resp: | 989         |
| Ion         | Ratio | Lower Upper |
| 97          | 100   |             |
| 83          | 0.0   | 63.0 94.4#  |
| 85          | 10.7  | 42.8 64.2#  |
| 99          | 0.0   | 49.8 74.8#  |



#51  
Ethyl methacrylate  
Concen: 0.367 ug/l  
RT: 9.561 min Scan# 1390  
Delta R.T. 0.445 min  
Lab File: VX033709.D  
Acq: 12 Jan 2023 13:38

|             |       |             |
|-------------|-------|-------------|
| Tgt Ion: 69 | Resp: | 857         |
| Ion         | Ratio | Lower Upper |
| 69          | 100   |             |
| 41          | 54.2  | 34.3 102.9  |
| 39          | 20.4  | 18.3 54.9   |

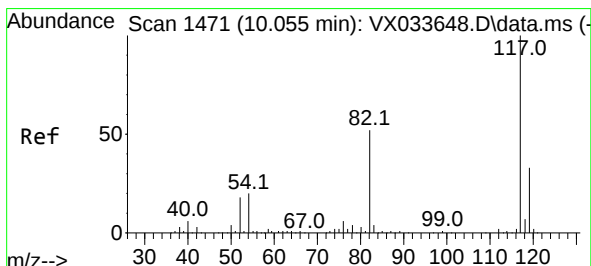
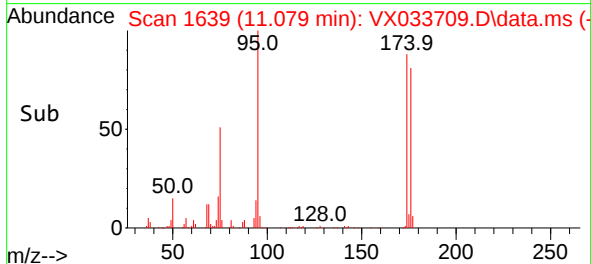
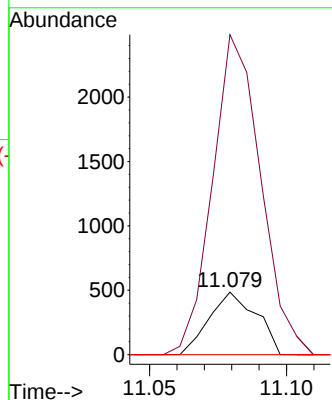
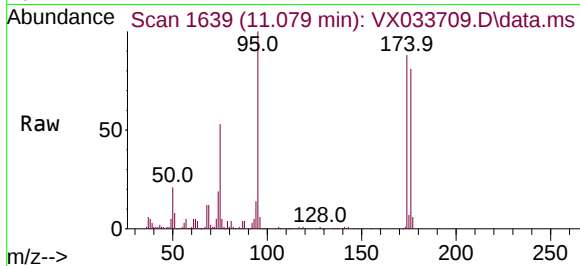




#56  
Bromoform  
Concen: 0.446 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. 0.280 min  
Lab File: VX033709.D  
Acq: 12 Jan 2023 13:38

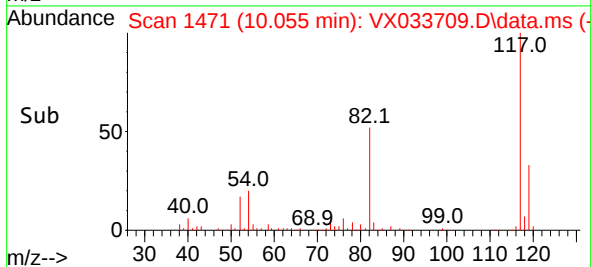
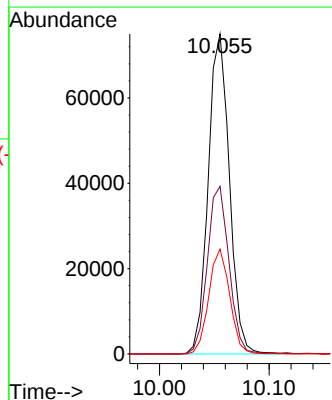
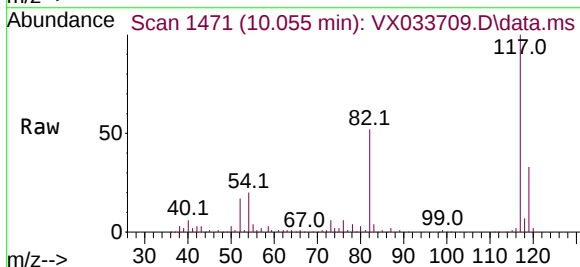
Instrument :  
MSVOA\_X  
ClientSampleId :  
230111061-02-VOA

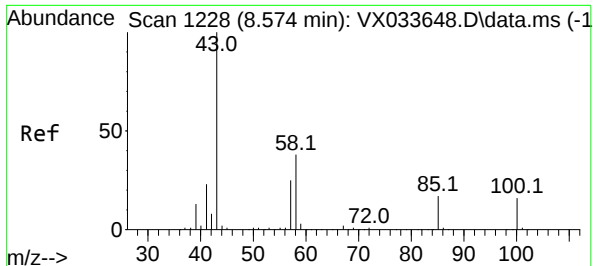
Tgt Ion:173 Resp: 584  
Ion Ratio Lower Upper  
173 100  
175 520.4 38.2 57.4#  
254 0.0 8.6 13.0#



#57  
Chlorobenzene-d5  
Concen: 30.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. 0.000 min  
Lab File: VX033709.D  
Acq: 12 Jan 2023 13:38

Tgt Ion:117 Resp: 100869  
Ion Ratio Lower Upper  
117 100  
82 53.5 41.9 62.9  
119 32.4 25.6 38.4





#58

4-Methyl-2-Pentanone

Concen: 7.186 ug/l

RT: 8.568 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX033709.D

Acq: 12 Jan 2023 13:38

Instrument :

MSVOA\_X

ClientSampleId :

230111061-02-VOA

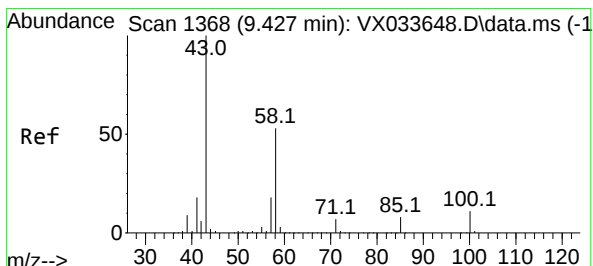
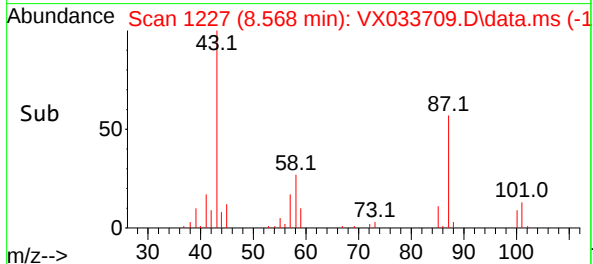
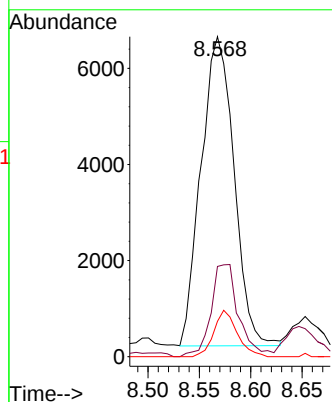
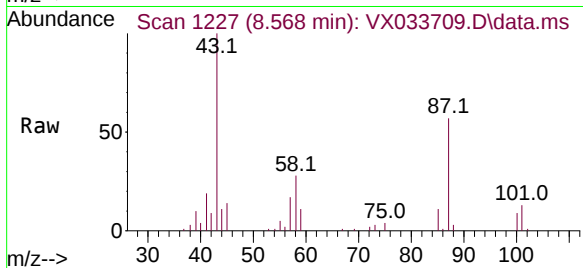
Tgt Ion: 43 Resp: 14398

Ion Ratio Lower Upper

43 100

58 24.9 30.2 45.4#

85 10.6 13.8 20.8#



#59

2-Hexanone

Concen: 1.477 ug/l

RT: 9.439 min Scan# 1370

Delta R.T. 0.012 min

Lab File: VX033709.D

Acq: 12 Jan 2023 13:38

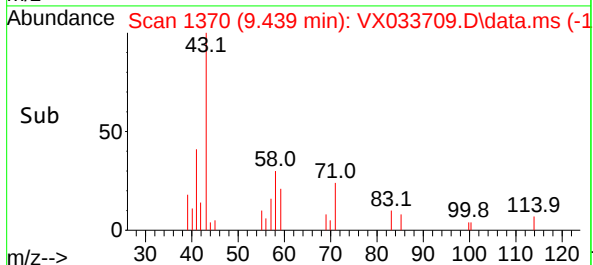
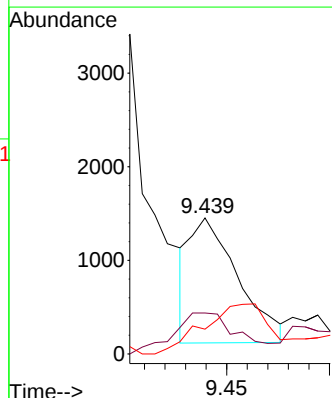
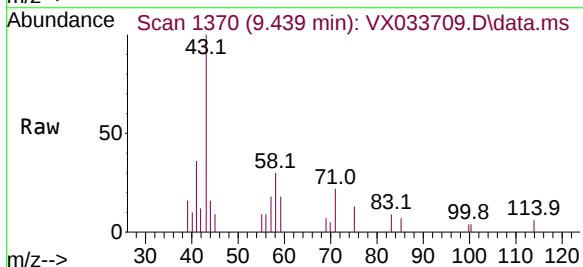
Tgt Ion: 43 Resp: 2178

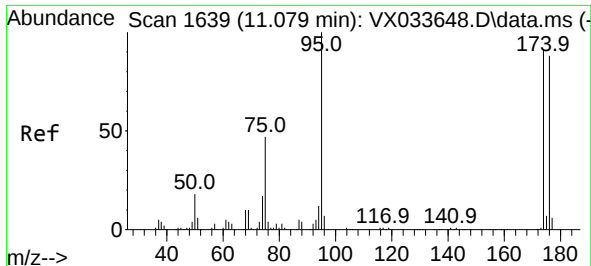
Ion Ratio Lower Upper

43 100

58 43.6 42.9 64.3

57 53.0 15.0 22.6#

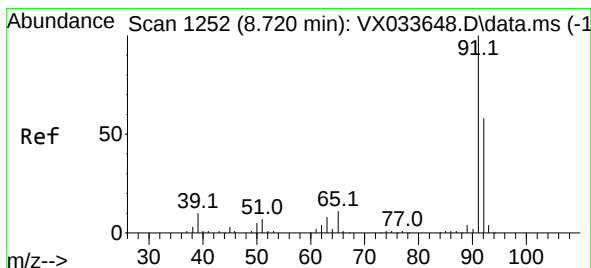
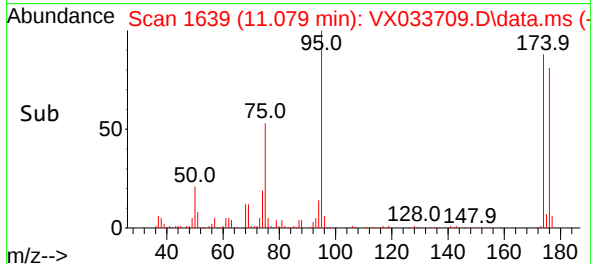
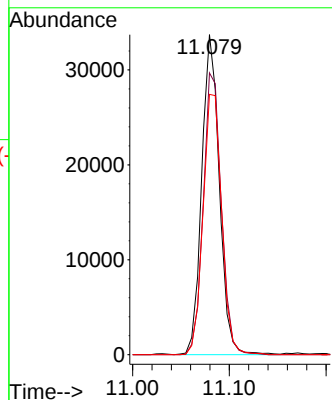
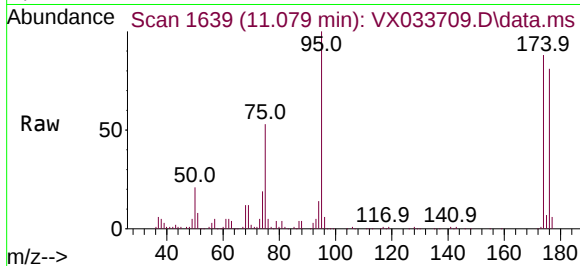




#60  
4-Bromofluorobenzene  
Concen: 23.504 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. 0.000 min  
Lab File: VX033709.D  
Acq: 12 Jan 2023 13:38

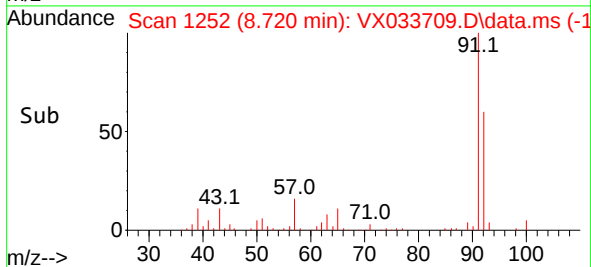
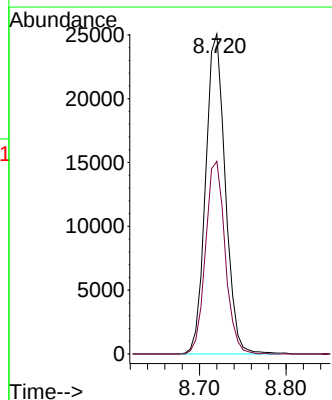
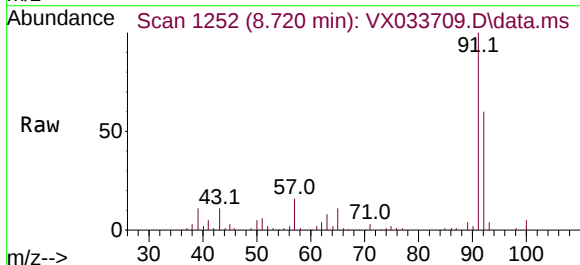
Instrument :  
MSVOA\_X  
ClientSampleId :  
230111061-02-VOA

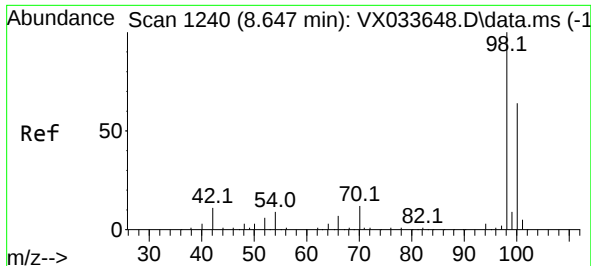
Tgt Ion: 95 Resp: 42730  
Ion Ratio Lower Upper  
95 100  
174 90.3 73.7 110.5  
176 86.5 71.0 106.4



#62  
Toluene  
Concen: 6.231 ug/l  
RT: 8.720 min Scan# 1252  
Delta R.T. 0.000 min  
Lab File: VX033709.D  
Acq: 12 Jan 2023 13:38

Tgt Ion: 91 Resp: 39564  
Ion Ratio Lower Upper  
91 100  
92 59.9 45.8 68.8

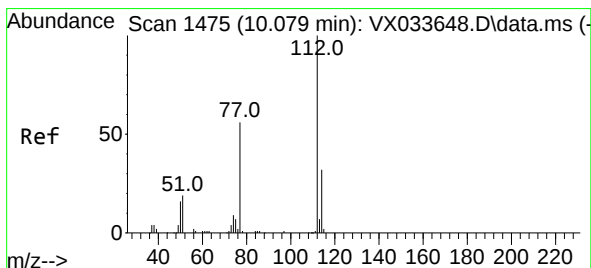
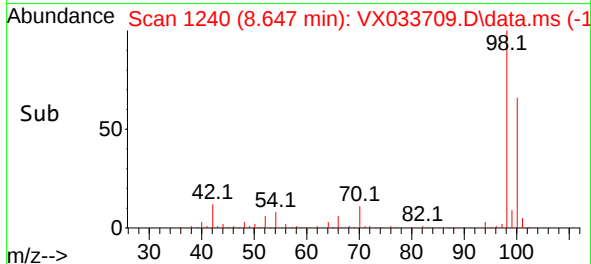
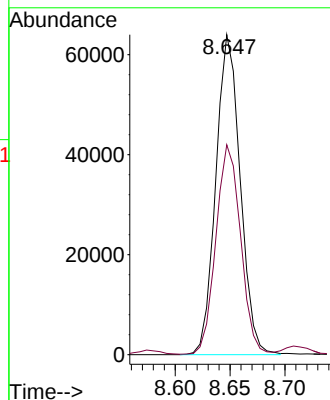
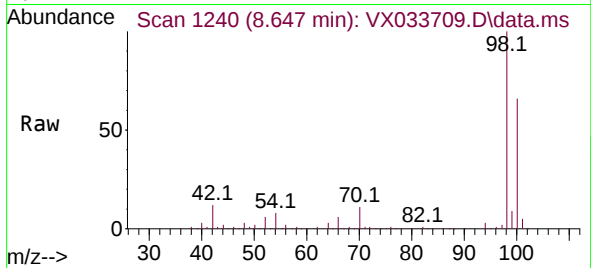




#63  
Toluene-d8  
Concen: 30.687 ug/l  
RT: 8.647 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VX033709.D  
Acq: 12 Jan 2023 13:38

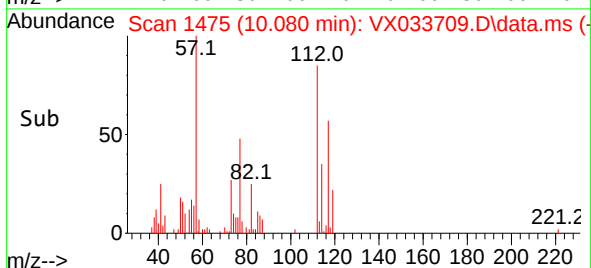
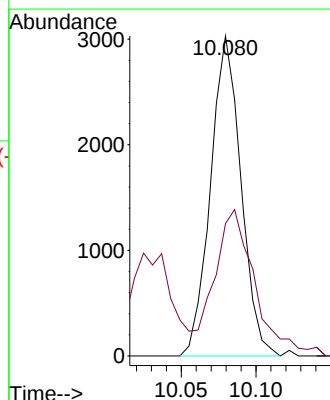
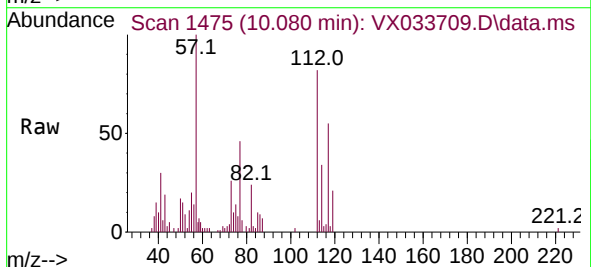
Instrument :  
MSVOA\_X  
ClientSampleId :  
230111061-02-VOA

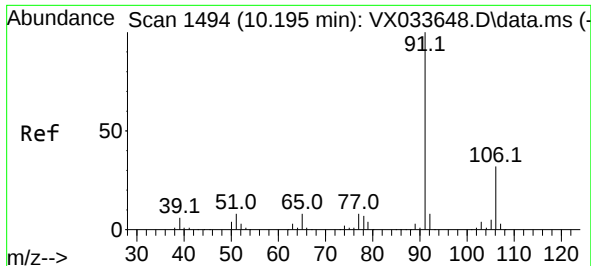
Tgt Ion: 98 Resp: 99063  
Ion Ratio Lower Upper  
98 100  
100 66.6 53.1 79.7



#64  
Chlorobenzene  
Concen: 1.048 ug/l  
RT: 10.080 min Scan# 1475  
Delta R.T. 0.000 min  
Lab File: VX033709.D  
Acq: 12 Jan 2023 13:38

Tgt Ion: 112 Resp: 4287  
Ion Ratio Lower Upper  
112 100  
114 36.1 25.6 38.4

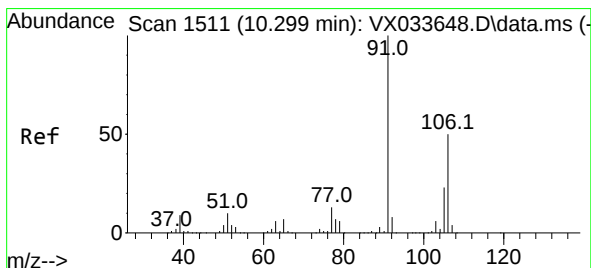
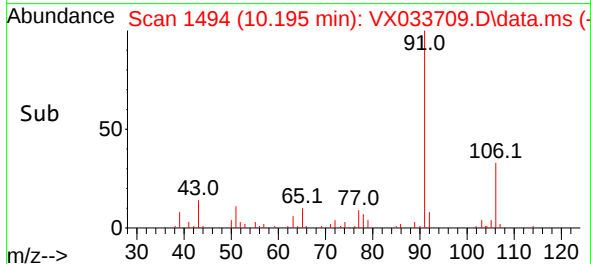
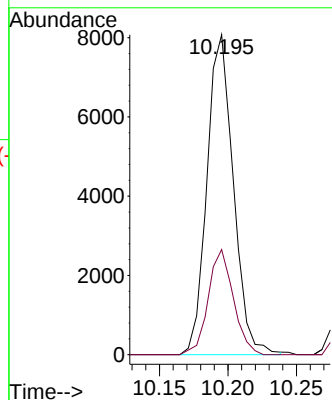
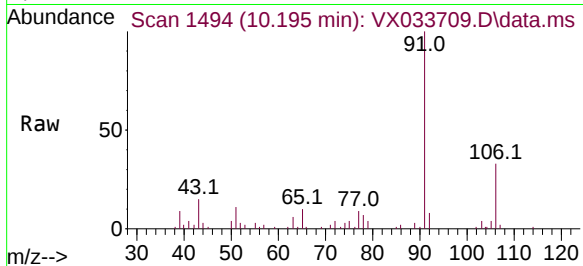




#66  
Ethyl Benzene  
Concen: 1.529 ug/l  
RT: 10.195 min Scan# 1494  
Delta R.T. 0.000 min  
Lab File: VX033709.D  
Acq: 12 Jan 2023 13:38

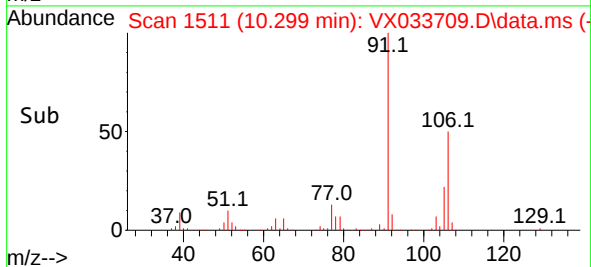
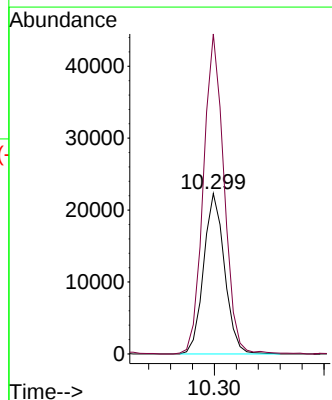
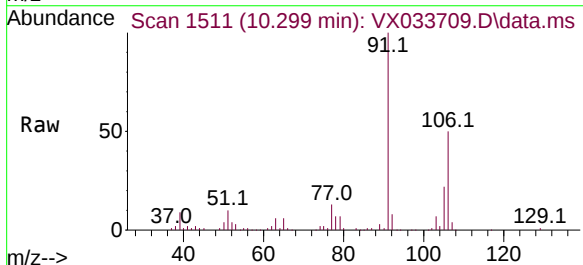
Instrument :  
MSVOA\_X  
ClientSampleId :  
230111061-02-VOA

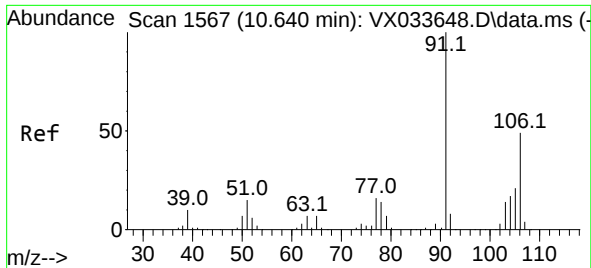
Tgt Ion: 91 Resp: 10829  
Ion Ratio Lower Upper  
91 100  
106 32.8 25.2 37.8



#67  
m/p-Xylenes  
Concen: 10.581 ug/l  
RT: 10.299 min Scan# 1511  
Delta R.T. 0.000 min  
Lab File: VX033709.D  
Acq: 12 Jan 2023 13:38

Tgt Ion: 106 Resp: 29571  
Ion Ratio Lower Upper  
106 100  
91 196.6 157.3 235.9

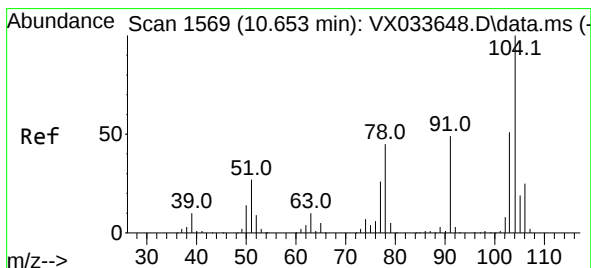
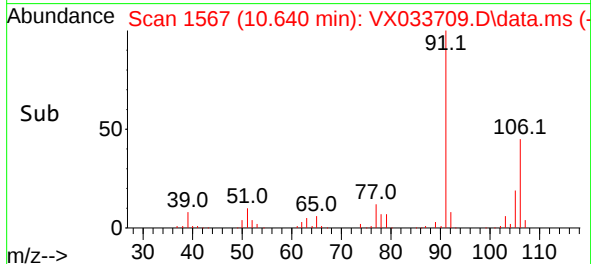
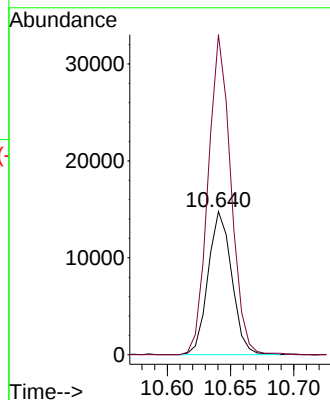
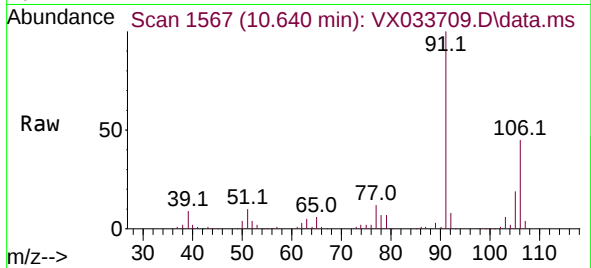




#68  
o-Xylene  
Concen: 7.004 ug/l  
RT: 10.640 min Scan# 1567  
Delta R.T. 0.000 min  
Lab File: VX033709.D  
Acq: 12 Jan 2023 13:38

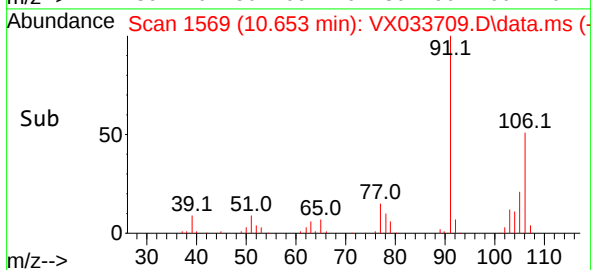
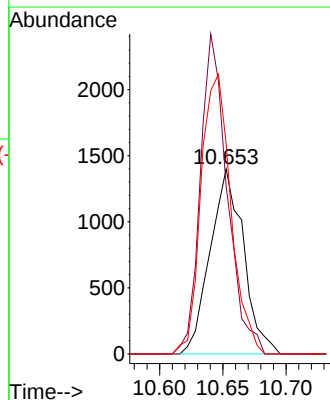
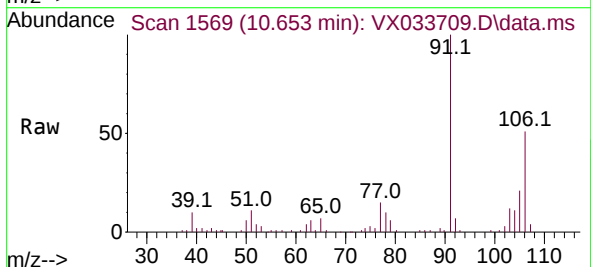
Instrument :  
MSVOA\_X  
ClientSampleId :  
230111061-02-VOA

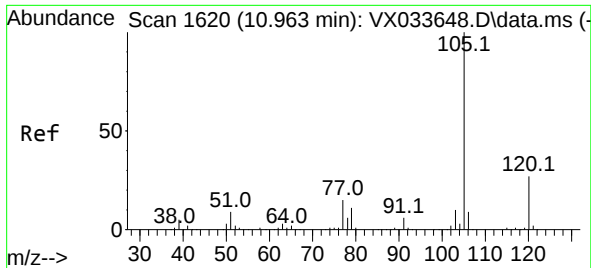
Tgt Ion:106 Resp: 19240  
Ion Ratio Lower Upper  
106 100  
91 214.9 104.6 313.8



#69  
Styrene  
Concen: 0.563 ug/l  
RT: 10.653 min Scan# 1569  
Delta R.T. 0.000 min  
Lab File: VX033709.D  
Acq: 12 Jan 2023 13:38

Tgt Ion:104 Resp: 2560  
Ion Ratio Lower Upper  
104 100  
78 139.5 39.3 58.9#  
103 135.8 43.2 64.8#

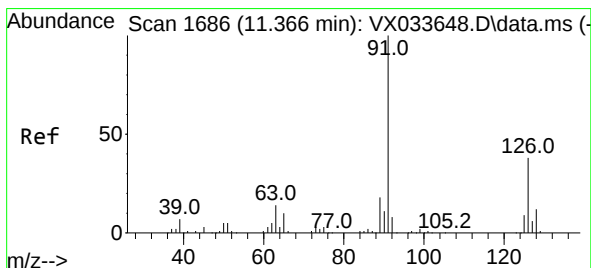
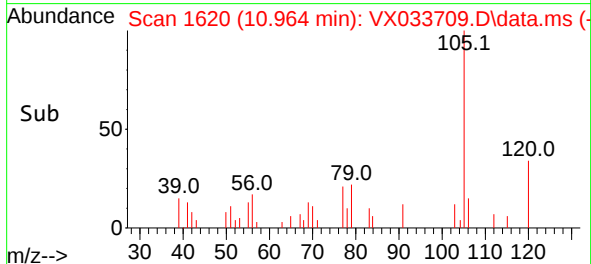
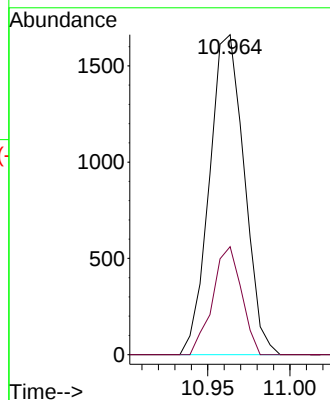
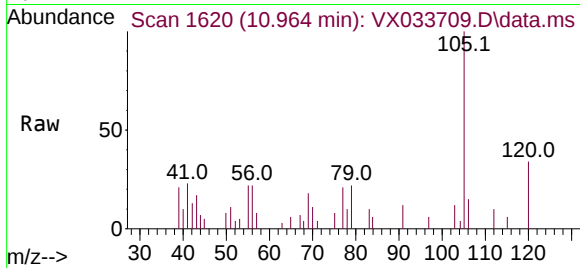




#70  
Isopropylbenzene  
Concen: 0.344 ug/l  
RT: 10.964 min Scan# 1620  
Delta R.T. 0.000 min  
Lab File: VX033709.D  
Acq: 12 Jan 2023 13:38

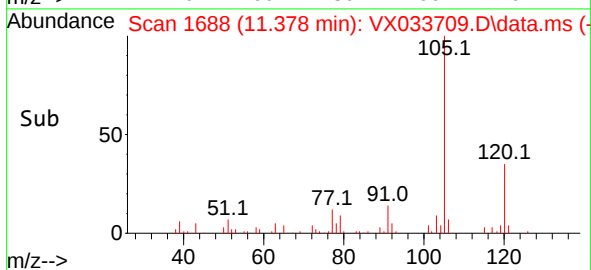
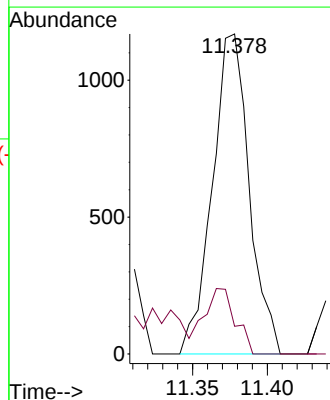
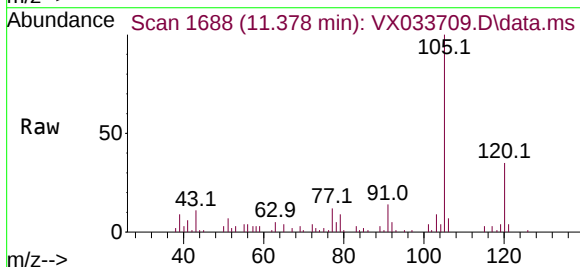
Instrument :  
MSVOA\_X  
ClientSampleId :  
230111061-02-VOA

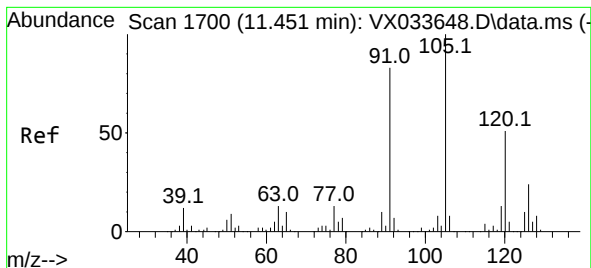
Tgt Ion:105 Resp: 2447  
Ion Ratio Lower Upper  
105 100  
120 28.0 18.7 34.7



#75  
2-Chlorotoluene  
Concen: 0.415 ug/l  
RT: 11.378 min Scan# 1688  
Delta R.T. 0.012 min  
Lab File: VX033709.D  
Acq: 12 Jan 2023 13:38

Tgt Ion: 91 Resp: 2004  
Ion Ratio Lower Upper  
91 100  
126 17.3 0.0 72.0





#76

1,3,5-Trimethylbenzene

Concen: 1.032 ug/l

RT: 11.451 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX033709.D

Acq: 12 Jan 2023 13:38

Instrument :

MSVOA\_X

ClientSampleId :

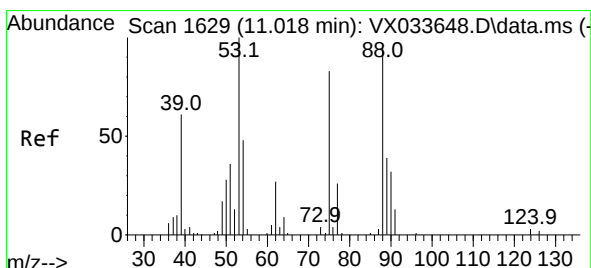
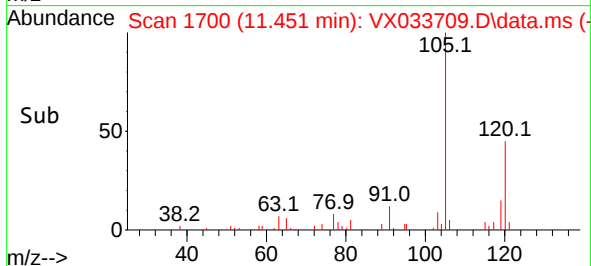
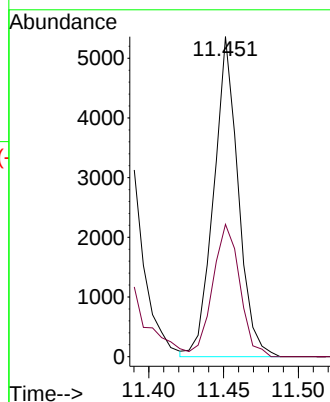
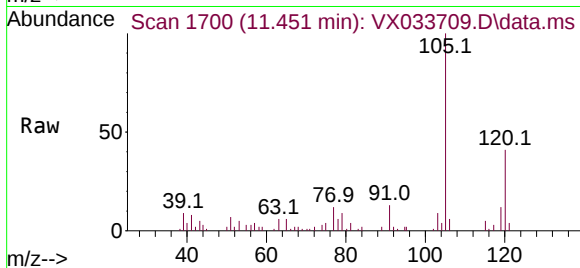
230111061-02-VOA

Tgt Ion:105 Resp: 6097

Ion Ratio Lower Upper

105 100

120 45.7 0.0 100.4



#77

t-1,4-Dichloro-2-butene

Concen: 0.391 ug/l

RT: 11.012 min Scan# 1628

Delta R.T. -0.006 min

Lab File: VX033709.D

Acq: 12 Jan 2023 13:38

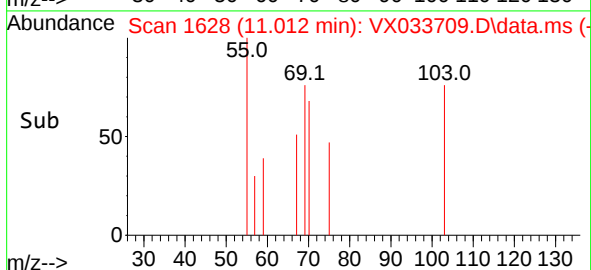
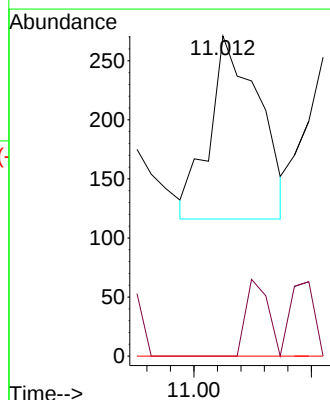
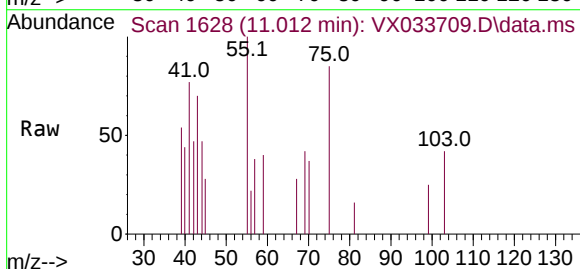
Tgt Ion: 75 Resp: 227

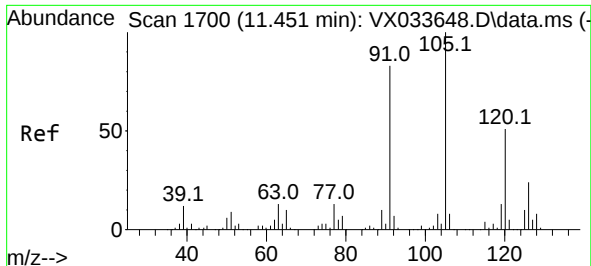
Ion Ratio Lower Upper

75 100

53 0.0 60.2 180.6#

89 0.0 23.2 69.6#

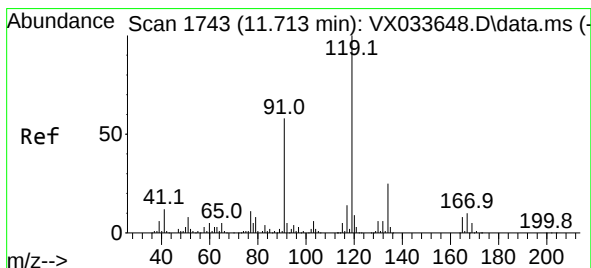
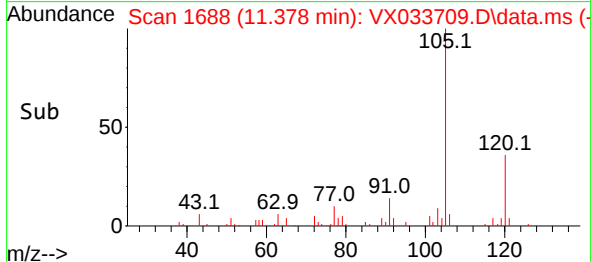
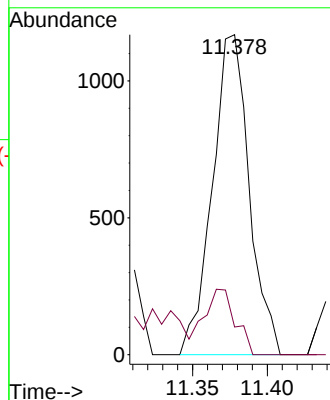
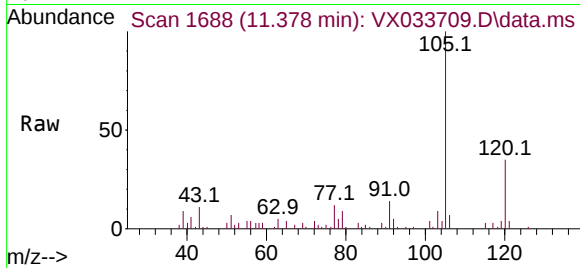




#78  
4-Chlorotoluene  
Concen: 0.370 ug/l  
RT: 11.378 min Scan# 11  
Delta R.T. -0.073 min  
Lab File: VX033709.D  
Acq: 12 Jan 2023 13:38

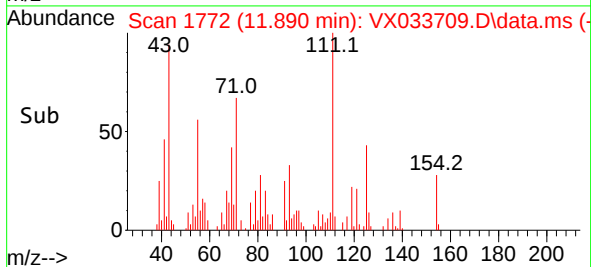
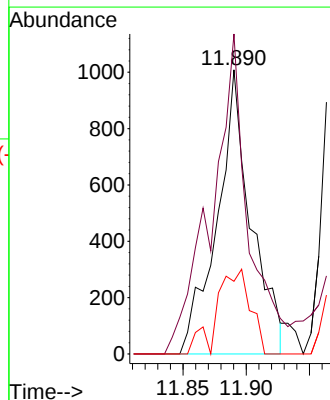
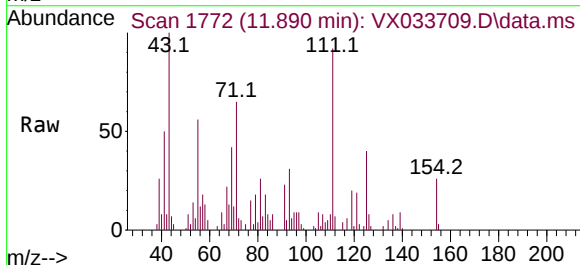
Instrument :  
MSVOA\_X  
ClientSampleId :  
230111061-02-VOA

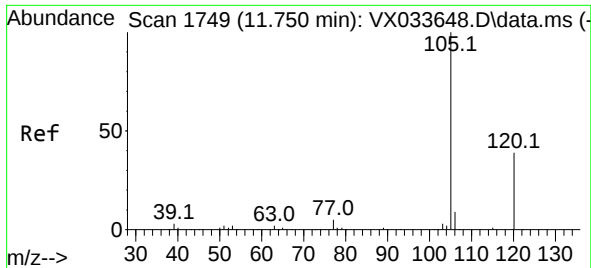
Tgt Ion: 91 Resp: 2004  
Ion Ratio Lower Upper  
91 100  
126 17.3 0.0 63.6



#79  
tert-butylbenzene  
Concen: 0.311 ug/l  
RT: 11.890 min Scan# 1772  
Delta R.T. 0.177 min  
Lab File: VX033709.D  
Acq: 12 Jan 2023 13:38

Tgt Ion: 119 Resp: 1883  
Ion Ratio Lower Upper  
119 100  
91 75.7 0.0 111.0  
134 26.2 0.0 49.2

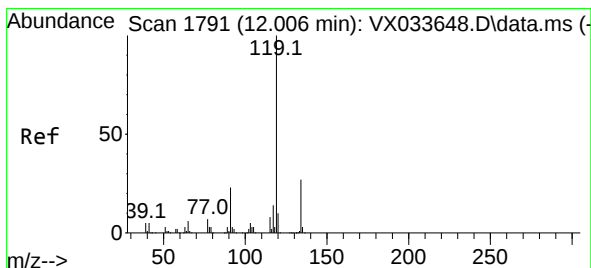
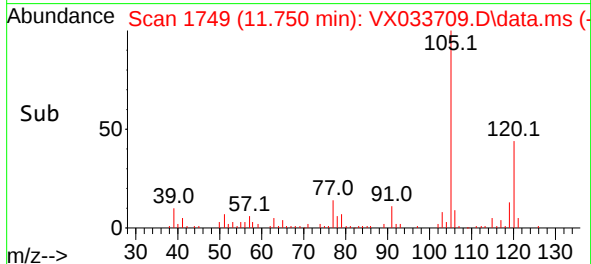
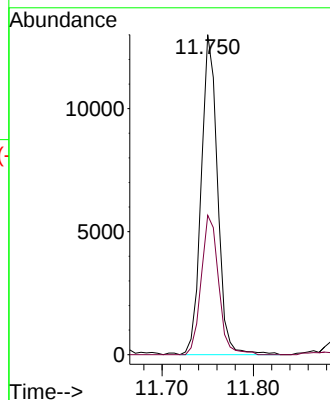
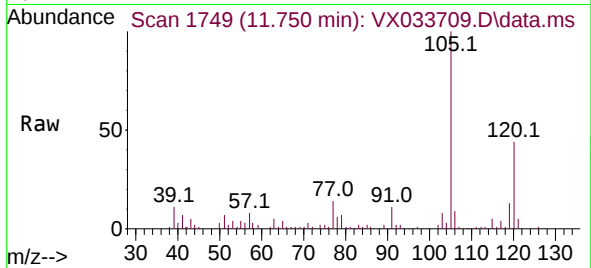




#80  
1,2,4-Trimethylbenzene  
Concen: 2.767 ug/l  
RT: 11.750 min Scan# 1749  
Delta R.T. 0.000 min  
Lab File: VX033709.D  
Acq: 12 Jan 2023 13:38

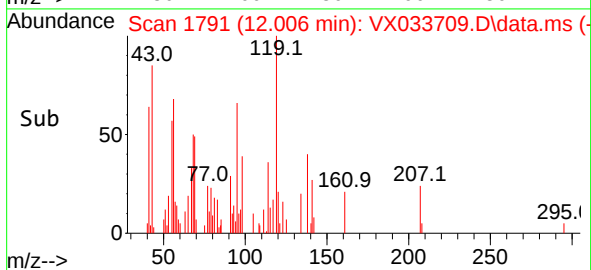
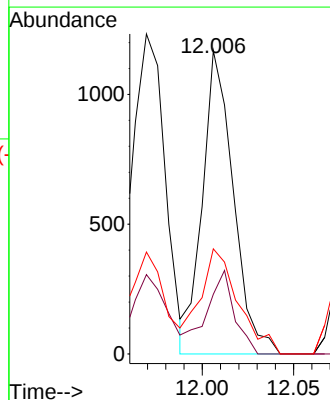
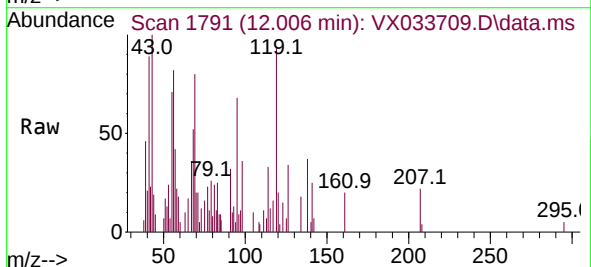
Instrument :  
MSVOA\_X  
ClientSampleId :  
230111061-02-VOA

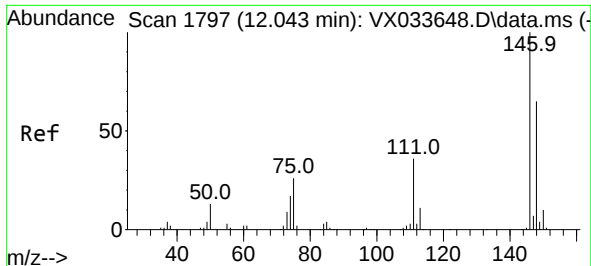
Tgt Ion:105 Resp: 16144  
Ion Ratio Lower Upper  
105 100  
120 46.2 0.0 91.2



#82  
p-Isopropyltoluene  
Concen: 0.217 ug/l  
RT: 12.006 min Scan# 1791  
Delta R.T. 0.000 min  
Lab File: VX033709.D  
Acq: 12 Jan 2023 13:38

Tgt Ion:119 Resp: 1372  
Ion Ratio Lower Upper  
119 100  
134 25.1 0.0 54.4  
91 43.3 0.0 45.2

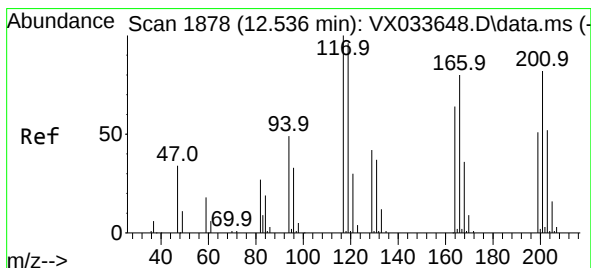
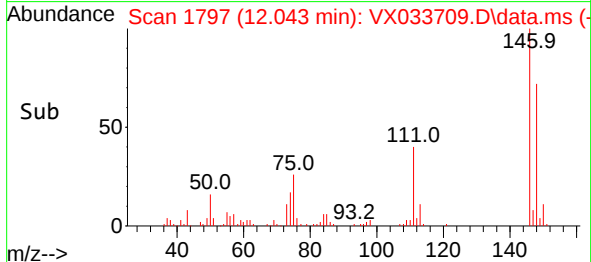
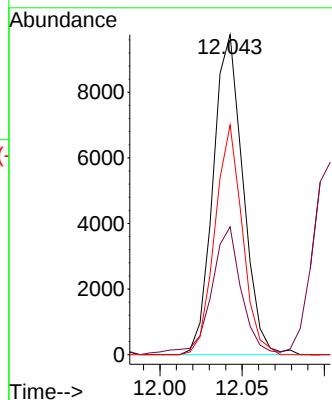
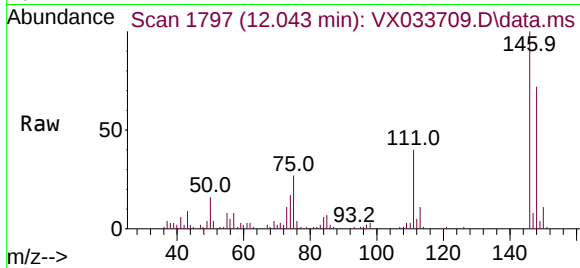




#84  
1,4-Dichlorobenzene  
Concen: 3.591 ug/l  
RT: 12.043 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VX033709.D  
Acq: 12 Jan 2023 13:38

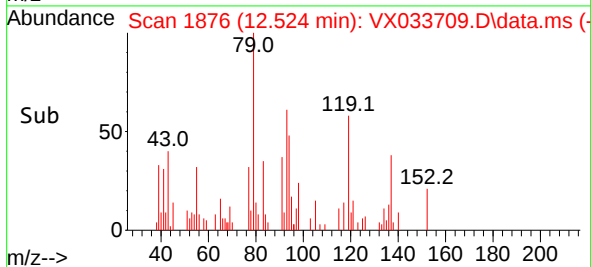
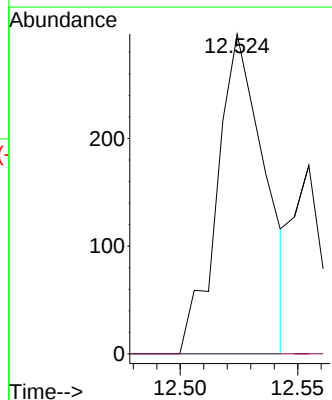
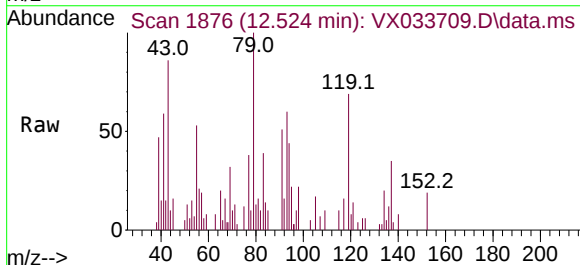
Instrument :  
MSVOA\_X  
ClientSampleId :  
230111061-02-VOA

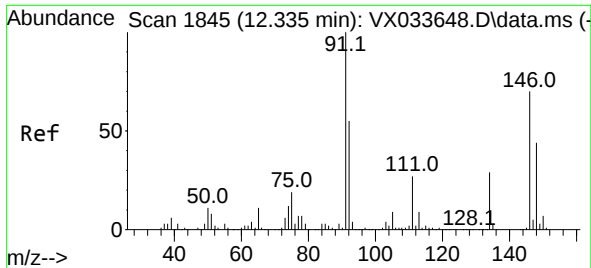
Tgt Ion:146 Resp: 12306  
Ion Ratio Lower Upper  
146 100  
111 37.0 18.3 54.9  
148 66.0 31.9 95.7



#86  
Hexachloroethane  
Concen: 0.407 ug/l  
RT: 12.524 min Scan# 1876  
Delta R.T. -0.012 min  
Lab File: VX033709.D  
Acq: 12 Jan 2023 13:38

Tgt Ion:117 Resp: 419  
Ion Ratio Lower Upper  
117 100  
201 0.0 45.0 135.0#

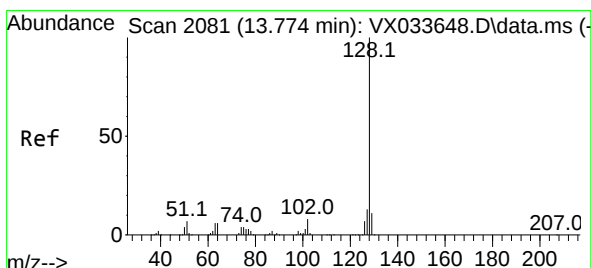
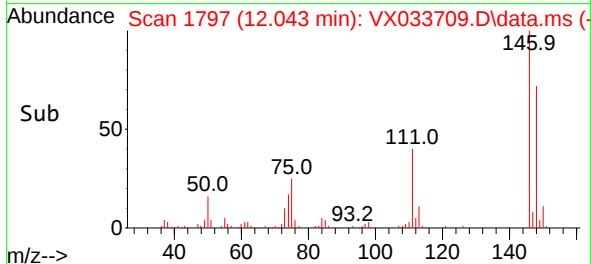
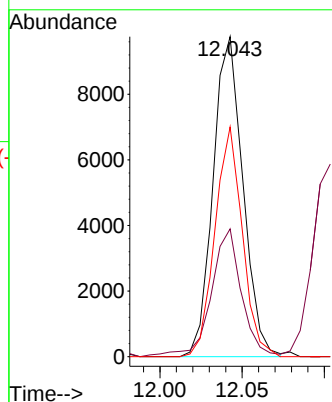
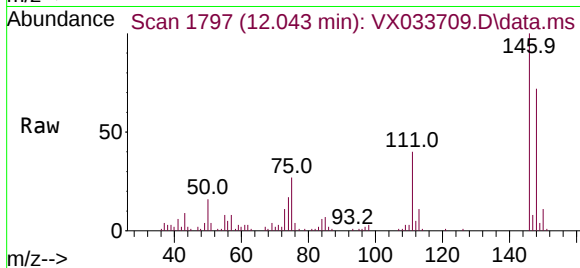




#87  
1,2-Dichlorobenzene  
Concen: 3.717 ug/l  
RT: 12.043 min Scan# 1797  
Delta R.T. -0.293 min  
Lab File: VX033709.D  
Acq: 12 Jan 2023 13:38

Instrument :  
MSVOA\_X  
ClientSampleId :  
230111061-02-VOA

Tgt Ion:146 Resp: 12306  
Ion Ratio Lower Upper  
146 100  
111 37.0 19.7 59.0  
148 66.0 31.9 95.9



#91  
Naphthalene  
Concen: 4.303 ug/l  
RT: 13.774 min Scan# 2081  
Delta R.T. 0.000 min  
Lab File: VX033709.D  
Acq: 12 Jan 2023 13:38

Tgt Ion:128 Resp: 28774  
Ion Ratio Lower Upper  
128 100  
127 13.6 10.4 15.6  
129 11.0 8.8 13.2

