

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX121224\  
 Data File : VX044263.D  
 Acq On : 12 Dec 2024 19:24  
 Operator : JC/MD  
 Sample : P5261-17  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 RE120D1-20241210

Quant Time: Dec 13 01:52:38 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X121124W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Dec 12 04:28:14 2024  
 Response via : Initial Calibration

| Compound                     | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|------------------------------|--------|-------|----------|----------|--------|----------|
| -----                        |        |       |          |          |        |          |
| Internal Standards           |        |       |          |          |        |          |
| 1) Pentafluorobenzene        | 5.544  | 168   | 110197   | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene      | 6.757  | 114   | 208519   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5         | 10.055 | 117   | 179930   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 12.024 | 152   | 77152    | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds  |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4    | 5.952  | 65    | 95988    | 49.680   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 74 - 125 | Recovery | =      | 99.360%  |
| 35) Dibromofluoromethane     | 5.385  | 113   | 67785    | 46.937   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 75 - 124 | Recovery | =      | 93.880%  |
| 50) Toluene-d8               | 8.647  | 98    | 254981   | 52.333   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 86 - 113 | Recovery | =      | 104.660% |
| 62) 4-Bromofluorobenzene     | 11.079 | 95    | 83036    | 48.773   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 77 - 121 | Recovery | =      | 97.540%  |
| Target Compounds             |        |       |          |          |        |          |
|                              |        |       |          |          | Qvalue |          |
| 3) Chloromethane             | 1.294  | 50    | 527      | 0.323    | ug/l   | 99       |
| 4) Vinyl Chloride            | 1.502  | 62    | 40       | 0.024    | ug/l # | 71       |
| 5) Bromomethane              | 1.611  | 94    | 383      | 0.318    | ug/l # | 56       |
| 6) Chloroethane              | 1.630  | 64    | 459      | 0.434    | ug/l # | 87       |
| 7) Trichlorofluoromethane    | 1.764  | 101   | 20       | 0.006    | ug/l # | 18       |
| 9) 1,1,2-Trichlorotrifluo... | 2.319  | 101   | 1983     | 1.475    | ug/l # | 90       |
| 11) Tert butyl alcohol       | 2.940  | 59    | 62       | 0.228    | ug/l # | 71       |
| 13) Acrolein                 | 2.197  | 56    | 64       | 0.162    | ug/l # | 54       |
| 14) Allyl chloride           | 2.642  | 41    | 140      | 0.068    | ug/l # | 20       |
| 16) Acetone                  | 2.386  | 43    | 1103     | 1.400    | ug/l   | 97       |
| 17) Carbon Disulfide         | 2.495  | 76    | 31       | 0.013    | ug/l # | 75       |
| 18) Methyl Acetate           | 2.696  | 43    | 166      | 0.082    | ug/l # | 54       |
| 20) Methylene Chloride       | 2.782  | 84    | 452      | 0.306    | ug/l # | 53       |
| 23) Vinyl Acetate            | 3.593  | 43    | 56       | 0.015    | ug/l # | 73       |
| 25) 2-Butanone               | 4.629  | 43    | 50       | 0.045    | ug/l # | 50       |
| 26) 2,2-Dichloropropane      | 4.513  | 77    | 44       | 0.021    | ug/l # | 55       |
| 29) Tetrahydrofuran          | 5.062  | 42    | 22       | 0.031    | ug/l # | 32       |
| 30) Chloroform               | 5.056  | 83    | 20       | 0.007    | ug/l # | 18       |
| 31) Cyclohexane              | 5.556  | 56    | 3082     | 1.478    | ug/l # | 31       |
| 36) 1,1-Dichloropropene      | 5.544  | 75    | 10105    | 5.413    | ug/l # | 51       |
| 37) Ethyl Acetate            | 4.629  | 43    | 50       | 0.022    | ug/l # | 71       |
| 38) Carbon Tetrachloride     | 5.550  | 117   | 12521    | 6.230    | ug/l # | 19       |
| 39) Methylcyclohexane        | 7.129  | 83    | 169      | 0.076    | ug/l # | 6        |
| 40) Benzene                  | 6.043  | 78    | 106      | 0.019    | ug/l # | 51       |
| 41) Methacrylonitrile        | 4.916  | 41    | 23       | 0.019    | ug/l # | 1        |
| 42) 1,2-Dichloroethane       | 6.123  | 62    | 48       | 0.021    | ug/l # | 78       |
| 43) Isopropyl Acetate        | 6.348  | 43    | 19       | 0.005    | ug/l # | 63       |
| 44) Trichloroethene          | 7.123  | 130   | 16525    | 11.691   | ug/l   | 97       |
| 45) 1,2-Dichloropropane      | 7.220  | 63    | 19       | 0.013    | ug/l # | 44       |
| 48) Methyl methacrylate      | 7.690  | 41    | 112      | 0.064    | ug/l # | 1        |
| 49) 1,4-Dioxane              | 7.391  | 88    | 21       | 0.723    | ug/l # | 32       |
| 51) 4-Methyl-2-Pentanone     | 8.647  | 43    | 1423     | 0.614    | ug/l # | 1        |
| 59) 2-Hexanone               | 9.403  | 43    | 22       | 0.013    | ug/l # | 26       |
| 60) Dibromochloromethane     | 9.305  | 129   | 61       | 1.273    | ug/l # | 11       |
| 64) Tetrachloroethene        | 9.275  | 164   | 448      | 0.375    | ug/l # | 84       |
| 65) Chlorobenzene            | 10.085 | 112   | 19       | 0.005    | ug/l # | 43       |

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Sample : P5261-17  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 25 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
RE120D1-20241210

Quant Time: Dec 13 01:52:38 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X121124W.M  
Quant Title : SW846 8260  
QLast Update : Thu Dec 12 04:28:14 2024  
Response via : Initial Calibration

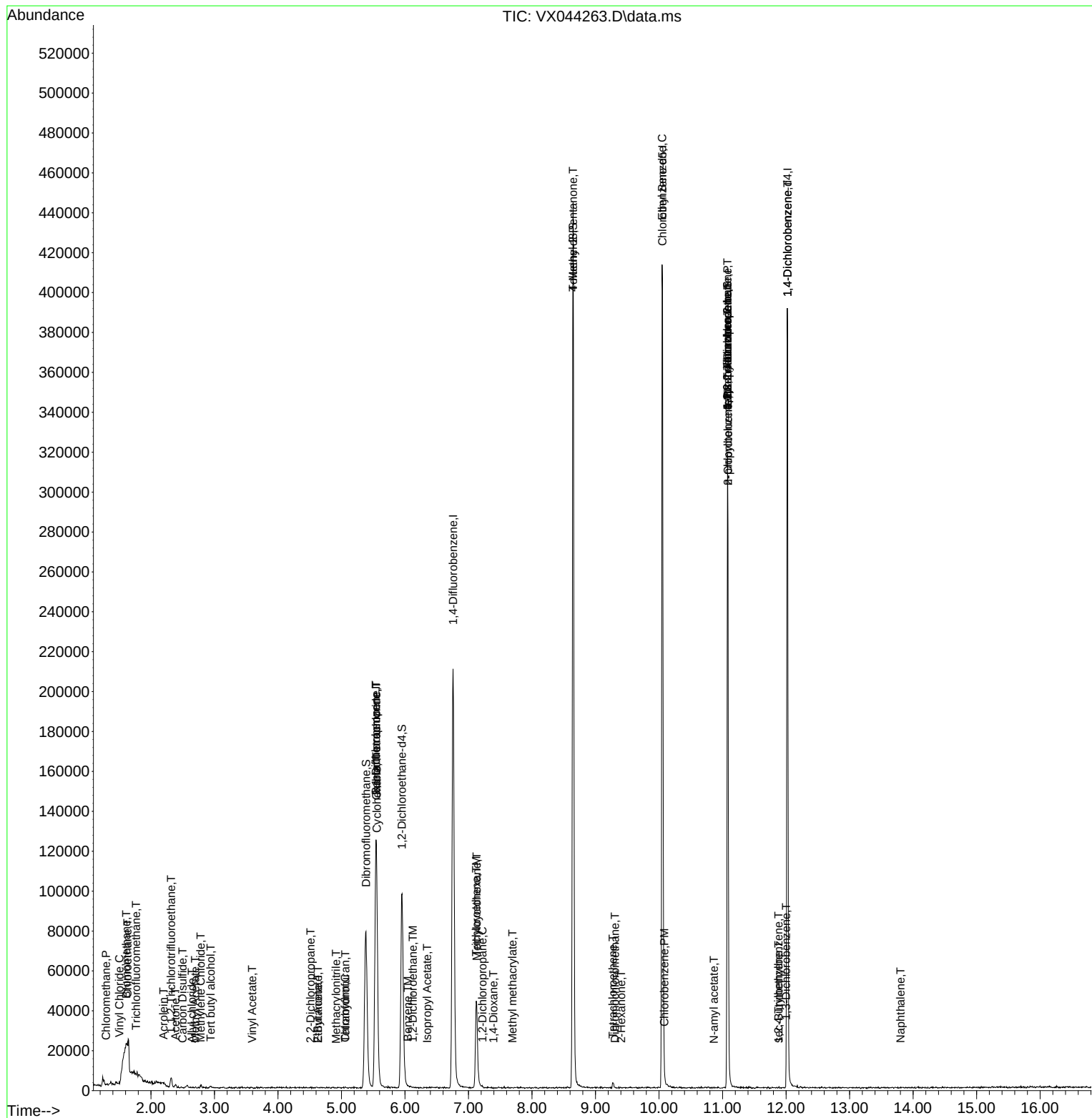
| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| 67) Ethyl Benzene             | 10.049 | 91   | 407      | 0.061  | ug/l # | 45       |
| 73) Isopropylbenzene          | 11.079 | 105  | 149      | 0.025  | ug/l # | 49       |
| 74) N-amyl acetate            | 10.866 | 43   | 20       | 0.007  | ug/l # | 45       |
| 75) 1,1,2,2-Tetrachloroethane | 11.079 | 83   | 119      | 0.058  | ug/l # | 1        |
| 76) 1,2,3-Trichloropropane    | 11.079 | 75   | 48370    | 28.079 | ug/l # | 36       |
| 78) n-propylbenzene           | 11.085 | 91   | 470      | 0.072  | ug/l # | 54       |
| 79) 2-Chlorotoluene           | 11.085 | 91   | 357      | 0.085  | ug/l # | 42       |
| 81) trans-1,4-Dichloro-2-b... | 11.079 | 75   | 48370    | 77.063 | ug/l # | 4        |
| 84) 1,2,4-Trimethylbenzene    | 11.884 | 105  | 23       | 0.005  | ug/l # | 32       |
| 85) sec-Butylbenzene          | 11.884 | 105  | 23       | 0.004  | ug/l # | 57       |
| 87) 1,3-Dichlorobenzene       | 12.000 | 146  | 21       | 0.008  | ug/l # | 24       |
| 88) 1,4-Dichlorobenzene       | 12.024 | 146  | 56       | 0.022  | ug/l # | 1        |
| 95) Naphthalene               | 13.804 | 128  | 56       | 0.010  | ug/l # | 69       |

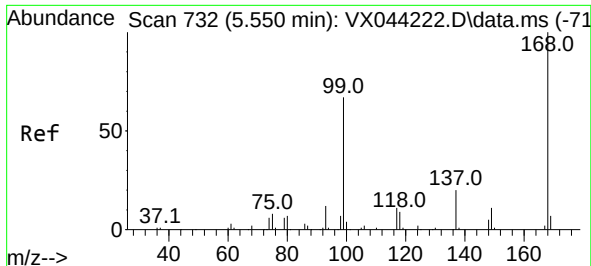
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ALS Vial : 25 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
RE120D1-20241210

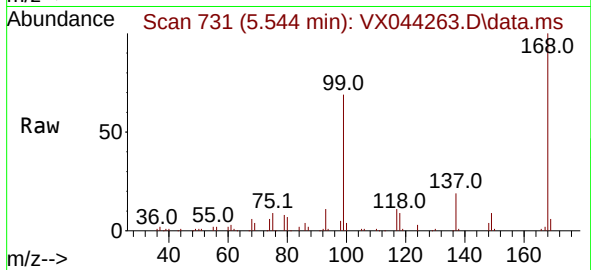
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X121124W.M  
Quant Title : SW846 8260  
QLast Update : Thu Dec 12 04:28:14 2024  
Response via : Initial Calibration



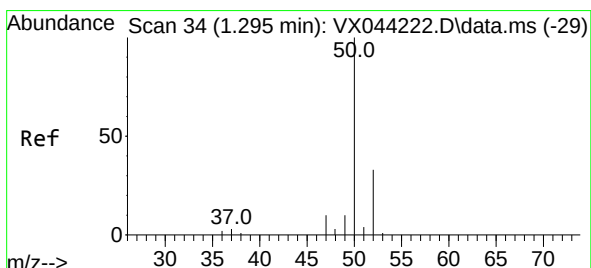
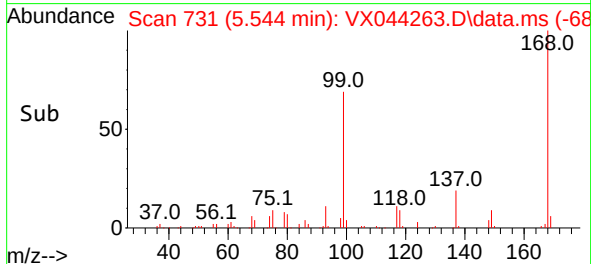
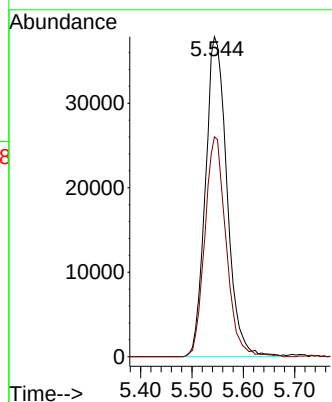


#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.544 min Scan# 71  
Delta R.T. -0.006 min  
Lab File: VX044263.D  
Acq: 12 Dec 2024 19:24

Instrument : MSVOA\_X  
ClientSampleId : RE120D1-20241210

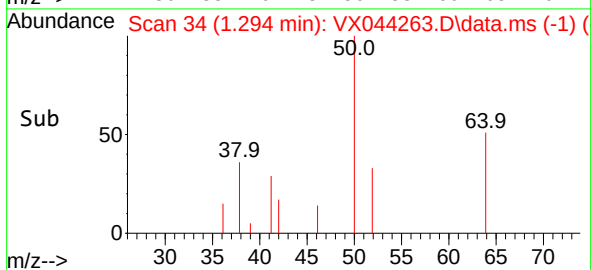
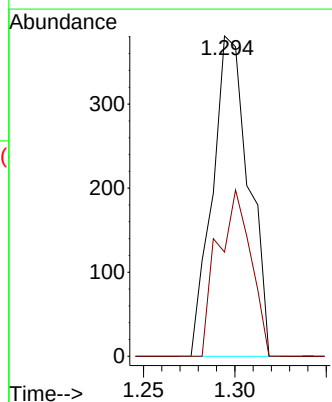
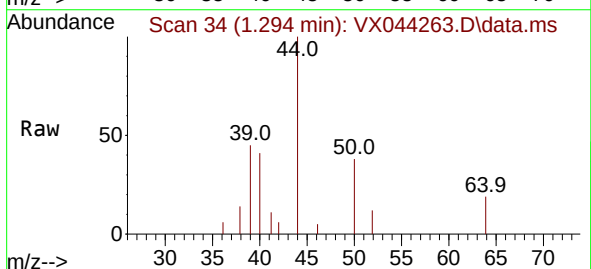


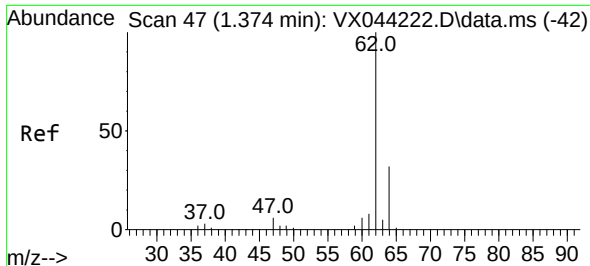
Tgt Ion:168 Resp: 110197  
Ion Ratio Lower Upper  
168 100  
99 68.7 53.4 80.0



#3  
Chloromethane  
Concen: 0.323 ug/l  
RT: 1.294 min Scan# 34  
Delta R.T. -0.000 min  
Lab File: VX044263.D  
Acq: 12 Dec 2024 19:24

Tgt Ion: 50 Resp: 527  
Ion Ratio Lower Upper  
50 100  
52 32.5 26.5 39.7

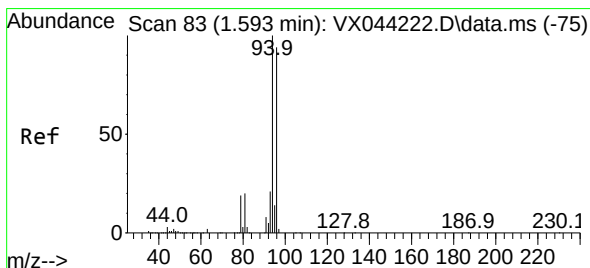
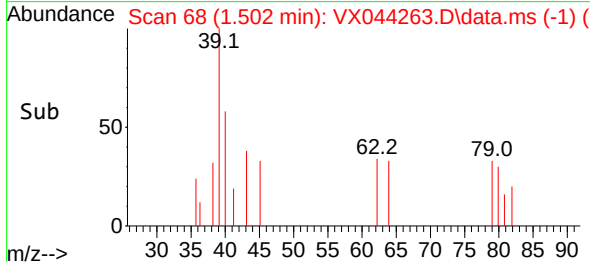
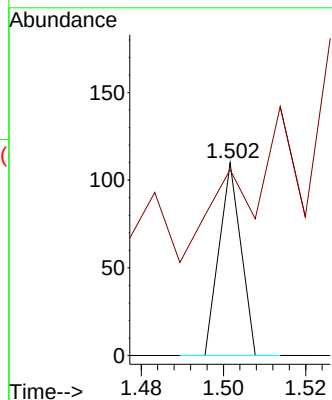
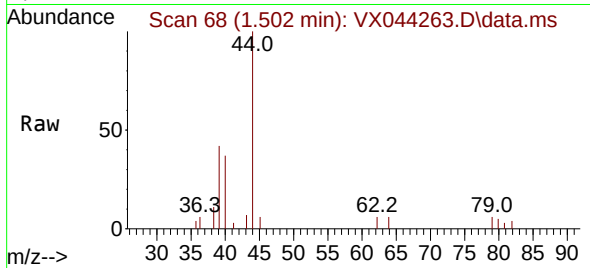




#4  
Vinyl Chloride  
Concen: 0.024 ug/l  
RT: 1.502 min Scan# 61  
Delta R.T. 0.128 min  
Lab File: VX044263.D  
Acq: 12 Dec 2024 19:24

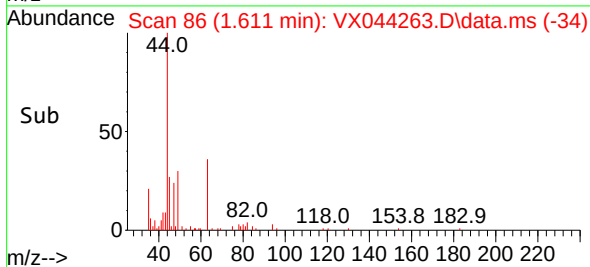
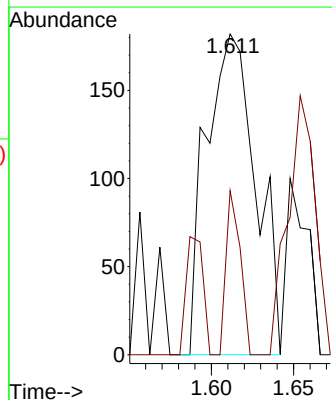
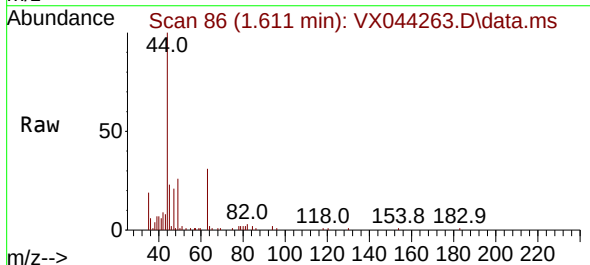
Instrument :  
MSVOA\_X  
ClientSampleId :  
RE120D1-20241210

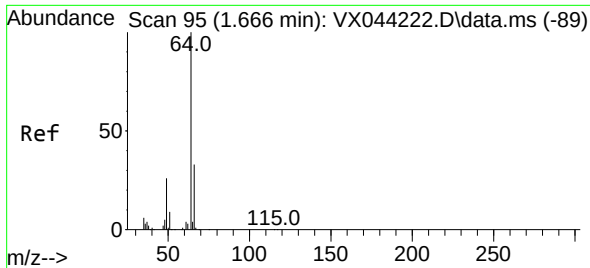
Tgt Ion: 62 Resp: 40  
Ion Ratio Lower Upper  
62 100  
64 48.2 25.7 38.5#



#5  
Bromomethane  
Concen: 0.318 ug/l  
RT: 1.611 min Scan# 86  
Delta R.T. 0.018 min  
Lab File: VX044263.D  
Acq: 12 Dec 2024 19:24

Tgt Ion: 94 Resp: 383  
Ion Ratio Lower Upper  
94 100  
96 51.1 74.9 112.3#

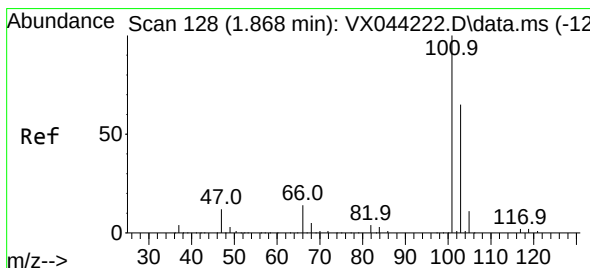
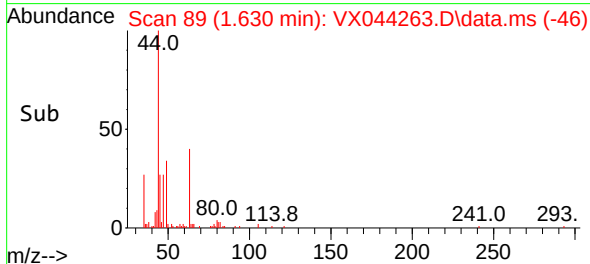
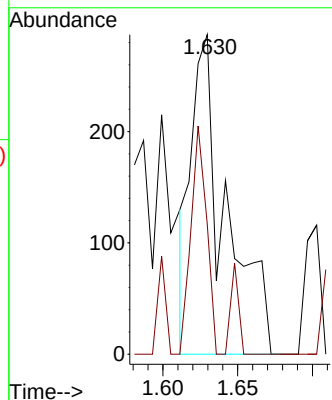
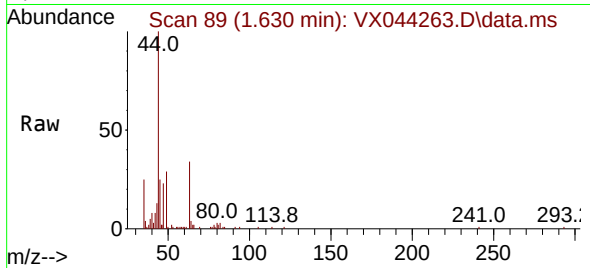




#6  
Chloroethane  
Concen: 0.434 ug/l  
RT: 1.630 min Scan# 89  
Delta R.T. -0.037 min  
Lab File: VX044263.D  
Acq: 12 Dec 2024 19:24

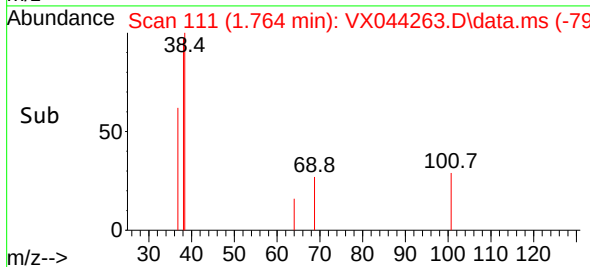
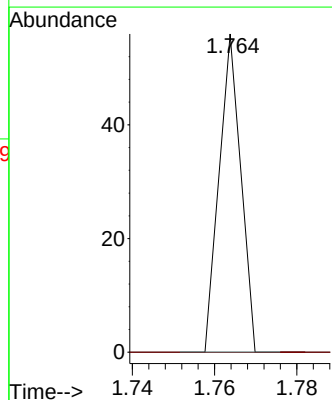
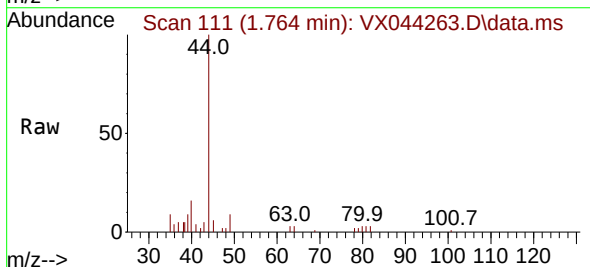
Instrument :  
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RE120D1-20241210

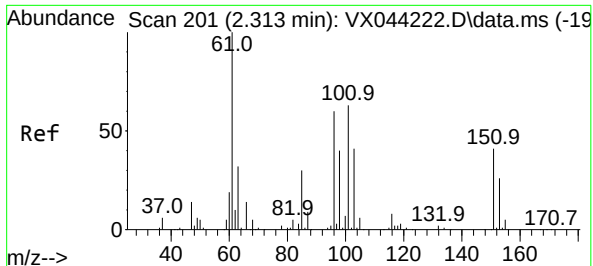
Tgt Ion: 64 Resp: 459  
Ion Ratio Lower Upper  
64 100  
66 40.8 26.6 39.8#



#7  
Trichlorofluoromethane  
Concen: 0.006 ug/l  
RT: 1.764 min Scan# 111  
Delta R.T. -0.104 min  
Lab File: VX044263.D  
Acq: 12 Dec 2024 19:24

Tgt Ion: 101 Resp: 20  
Ion Ratio Lower Upper  
101 100  
103 0.0 51.8 77.8#

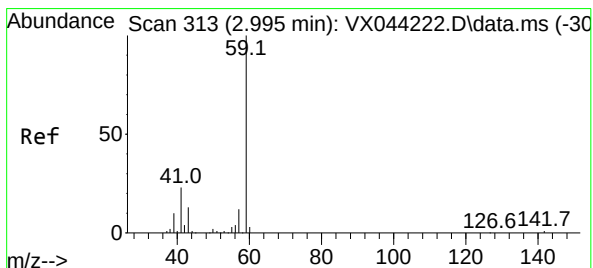
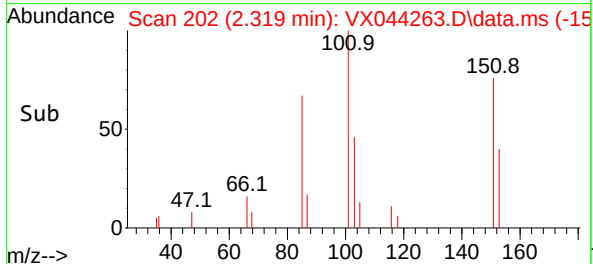
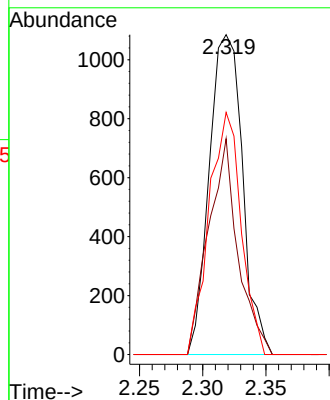
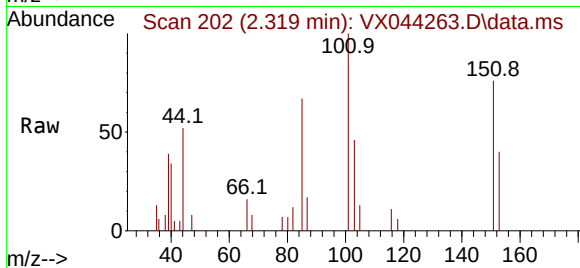




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 1.475 ug/l  
RT: 2.319 min Scan# 20  
Delta R.T. 0.006 min  
Lab File: VX044263.D  
Acq: 12 Dec 2024 19:24

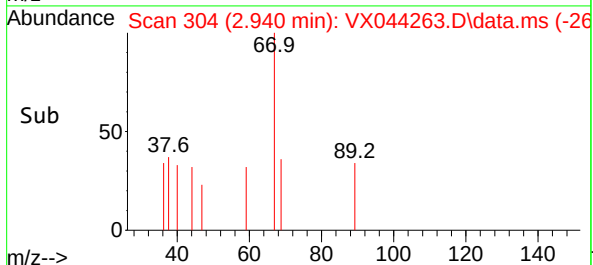
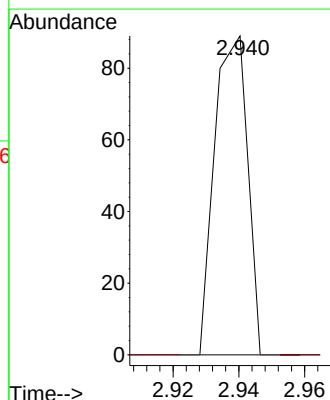
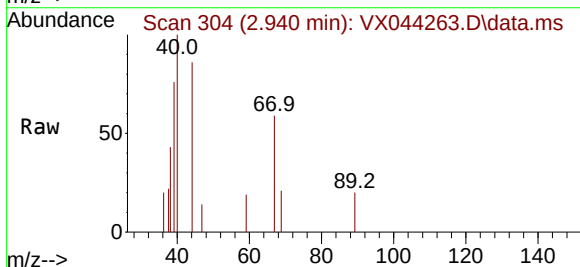
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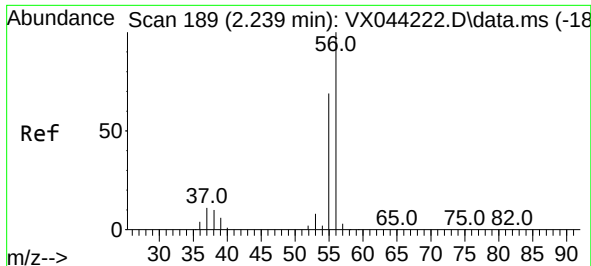
Tgt Ion:101 Resp: 1983  
Ion Ratio Lower Upper  
101 100  
85 60.2 38.5 57.7#  
151 73.0 55.8 83.6



#11  
Tert butyl alcohol  
Concen: 0.228 ug/l  
RT: 2.940 min Scan# 304  
Delta R.T. -0.055 min  
Lab File: VX044263.D  
Acq: 12 Dec 2024 19:24

Tgt Ion: 59 Resp: 62  
Ion Ratio Lower Upper  
59 100  
57 0.0 8.8 13.2#

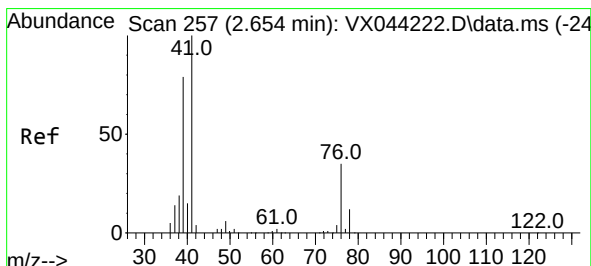
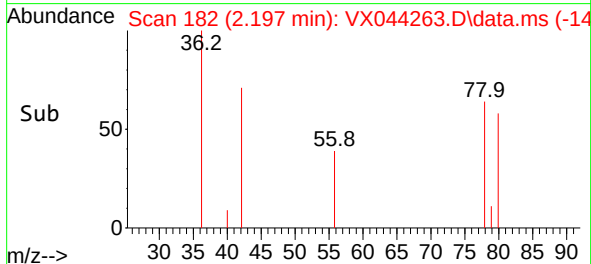
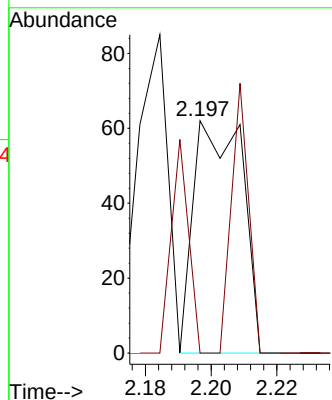
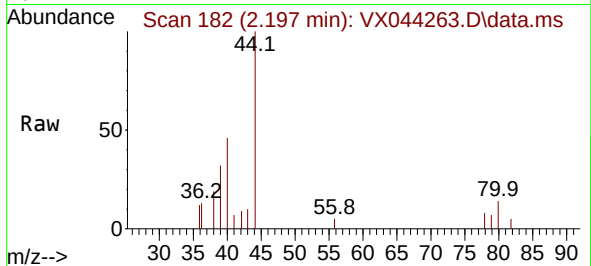




#13  
Acrolein  
Concen: 0.162 ug/l  
RT: 2.197 min Scan# 11  
Delta R.T. -0.043 min  
Lab File: VX044263.D  
Acq: 12 Dec 2024 19:24

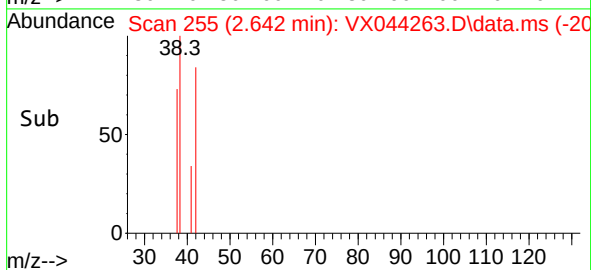
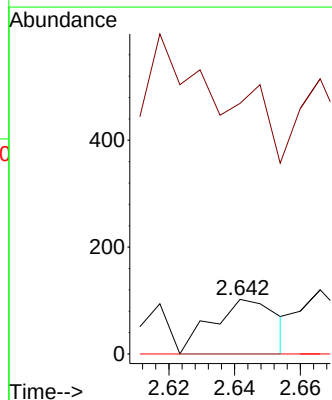
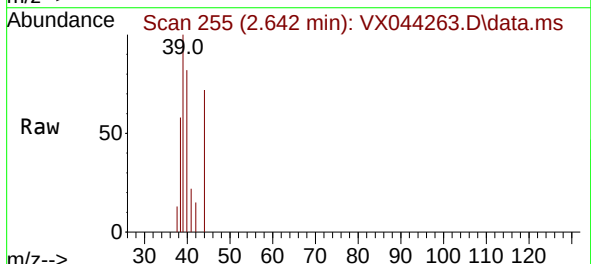
Instrument :  
MSVOA\_X  
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RE120D1-20241210

Tgt Ion: 56 Resp: 64  
Ion Ratio Lower Upper  
56 100  
55 32.8 56.6 84.8#

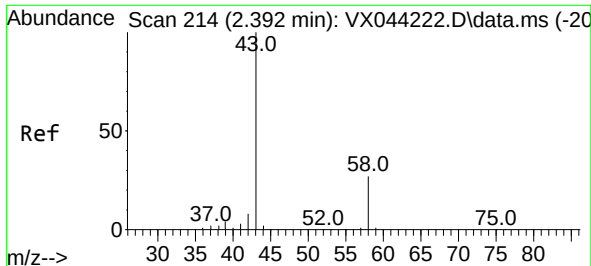


#14  
Allyl chloride  
Concen: 0.068 ug/l  
RT: 2.642 min Scan# 255  
Delta R.T. -0.012 min  
Lab File: VX044263.D  
Acq: 12 Dec 2024 19:24

Tgt Ion: 41 Resp: 140  
Ion Ratio Lower Upper  
41 100  
39 0.0 61.9 92.9#  
76 0.0 27.4 41.2#



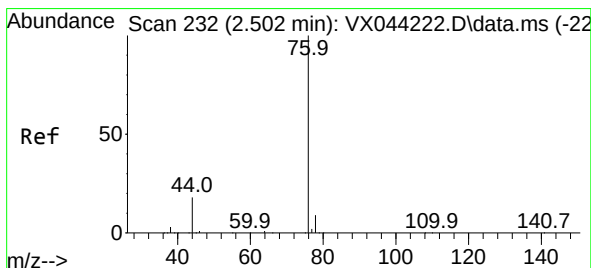
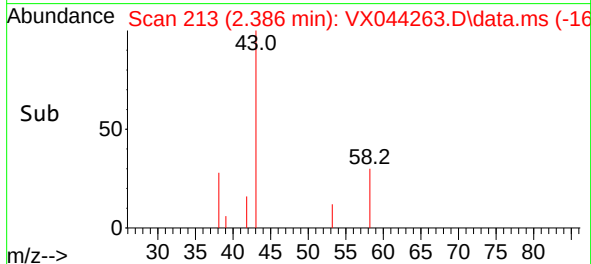
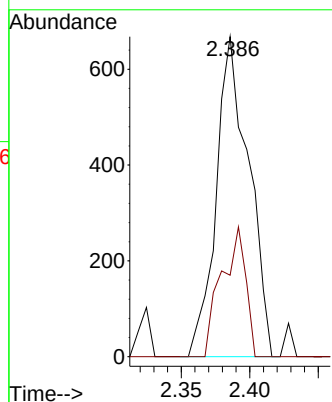
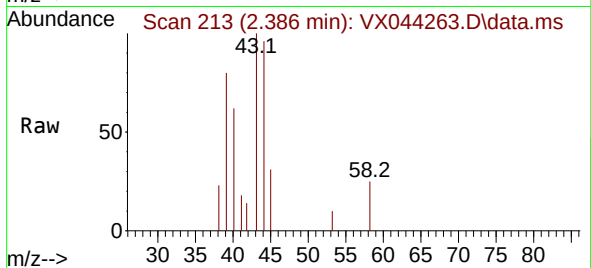




#16  
Acetone  
Concen: 1.400 ug/l  
RT: 2.386 min Scan# 214  
Delta R.T. -0.006 min  
Lab File: VX044263.D  
Acq: 12 Dec 2024 19:24

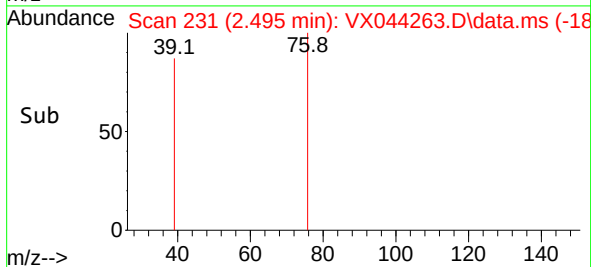
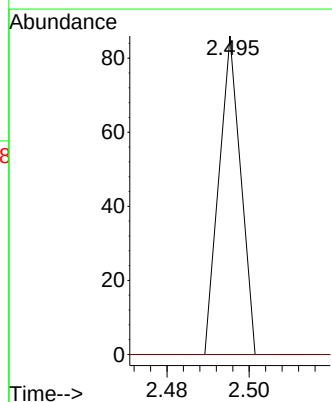
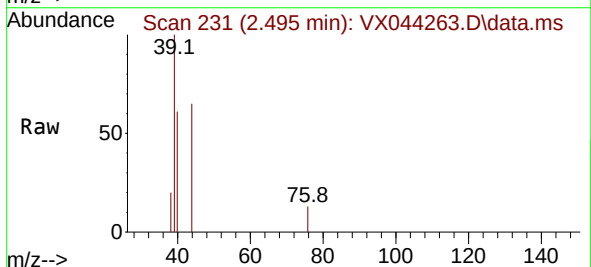
Instrument :  
MSVOA\_X  
ClientSampleId :  
RE120D1-20241210

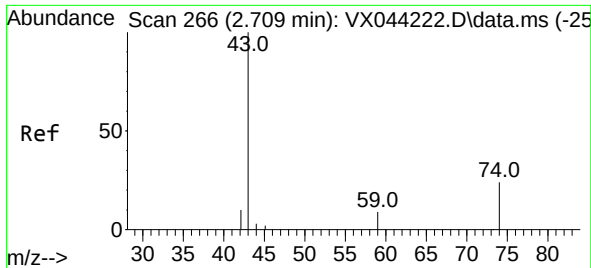
Tgt Ion: 43 Resp: 1103  
Ion Ratio Lower Upper  
43 100  
58 25.4 21.6 32.4



#17  
Carbon Disulfide  
Concen: 0.013 ug/l  
RT: 2.495 min Scan# 231  
Delta R.T. -0.006 min  
Lab File: VX044263.D  
Acq: 12 Dec 2024 19:24

Tgt Ion: 76 Resp: 31  
Ion Ratio Lower Upper  
76 100  
78 0.0 7.4 11.0#

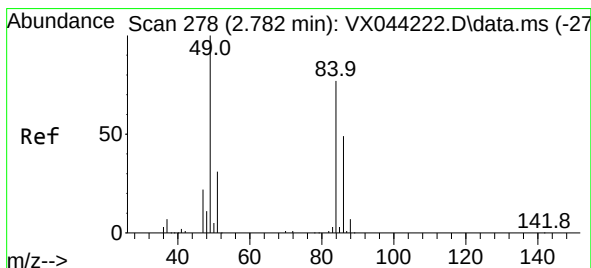
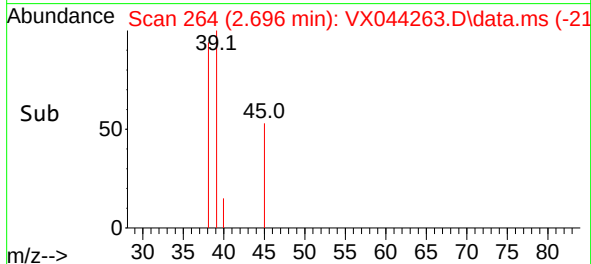
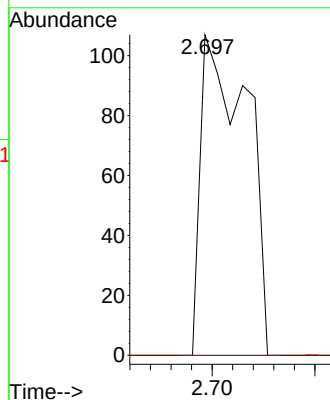
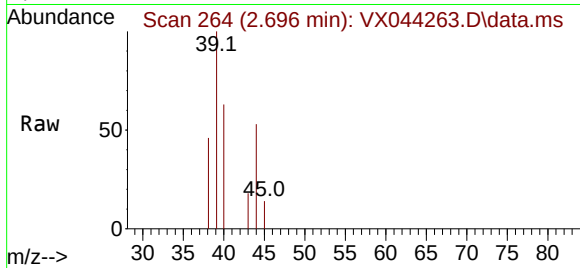




#18  
Methyl Acetate  
Concen: 0.082 ug/l  
RT: 2.696 min Scan# 264  
Delta R.T. -0.012 min  
Lab File: VX044263.D  
Acq: 12 Dec 2024 19:24

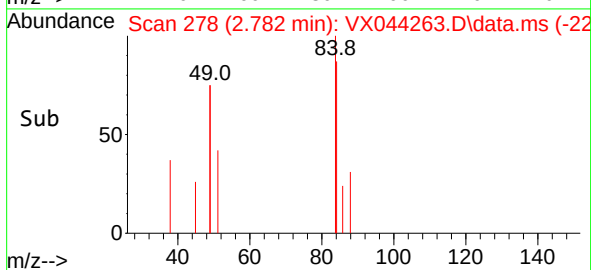
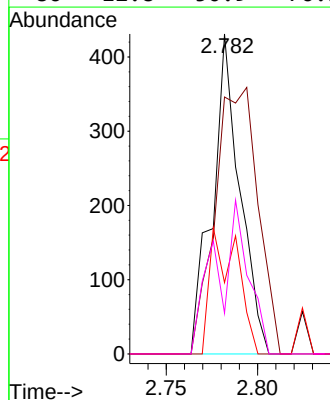
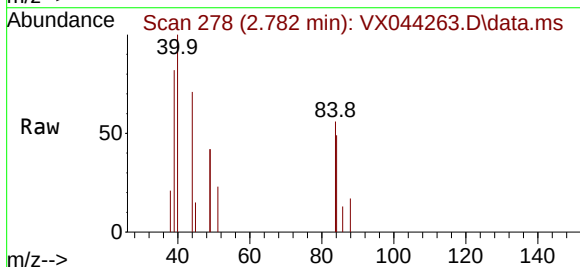
Instrument :  
MSVOA\_X  
ClientSampleId :  
RE120D1-20241210

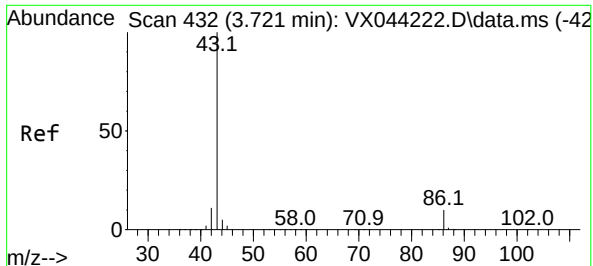
Tgt Ion: 43 Resp: 166  
Ion Ratio Lower Upper  
43 100  
74 0.0 17.7 26.5#



#20  
Methylene Chloride  
Concen: 0.306 ug/l  
RT: 2.782 min Scan# 278  
Delta R.T. -0.000 min  
Lab File: VX044263.D  
Acq: 12 Dec 2024 19:24

Tgt Ion: 84 Resp: 452  
Ion Ratio Lower Upper  
84 100  
49 80.3 104.2 156.4#  
51 22.3 32.2 48.4#  
86 12.8 50.9 76.3#

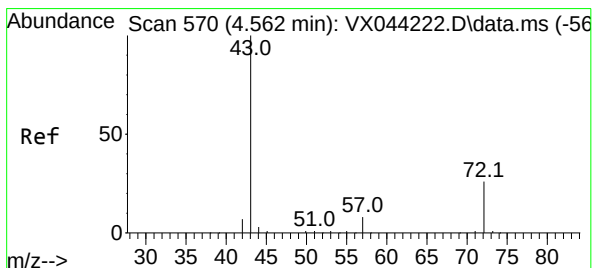
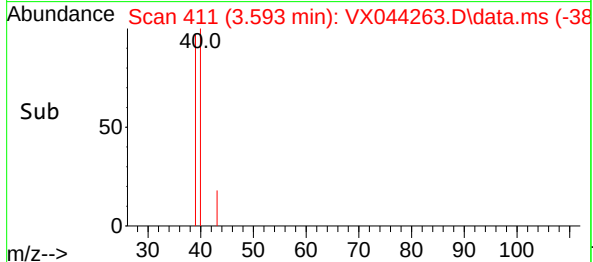
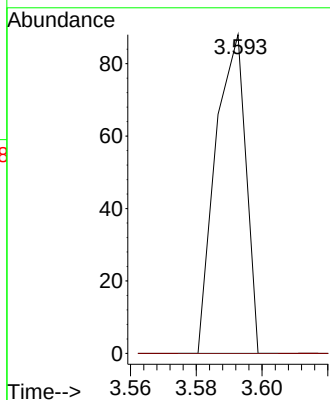
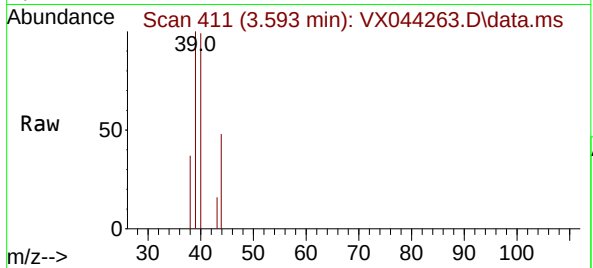




#23  
 Vinyl Acetate  
 Concen: 0.015 ug/l  
 RT: 3.593 min Scan# 41  
 Delta R.T. -0.128 min  
 Lab File: VX044263.D  
 Acq: 12 Dec 2024 19:24

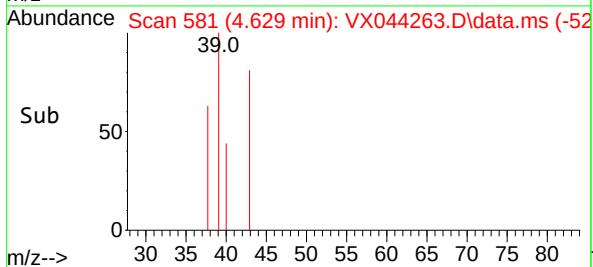
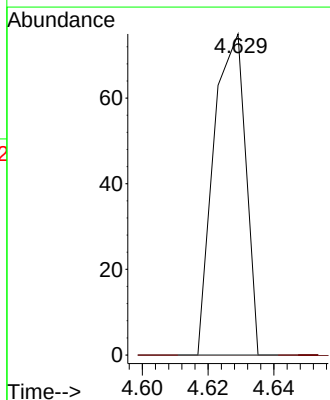
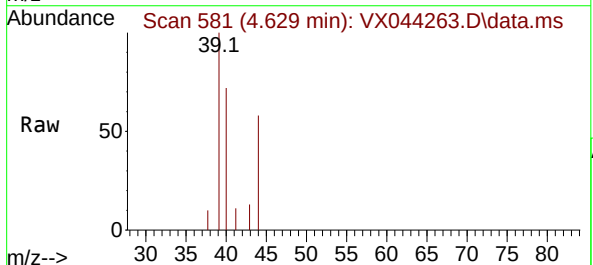
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 RE120D1-20241210

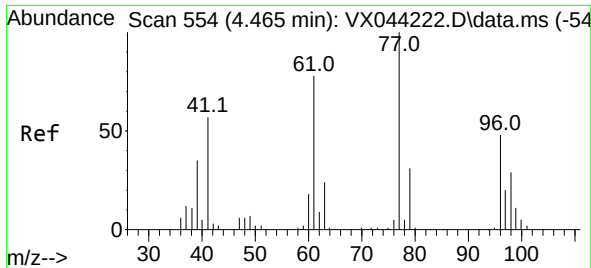
Tgt Ion: 43 Resp: 56  
 Ion Ratio Lower Upper  
 43 100  
 86 0.0 8.2 12.2#



#25  
 2-Butanone  
 Concen: 0.045 ug/l  
 RT: 4.629 min Scan# 581  
 Delta R.T. 0.067 min  
 Lab File: VX044263.D  
 Acq: 12 Dec 2024 19:24

Tgt Ion: 43 Resp: 50  
 Ion Ratio Lower Upper  
 43 100  
 72 0.0 20.2 30.4#





#26

2,2-Dichloropropane

Concen: 0.021 ug/l

RT: 4.513 min Scan# 50

Delta R.T. 0.049 min

Lab File: VX044263.D

Acq: 12 Dec 2024 19:24

Instrument :

MSVOA\_X

ClientSampleId :

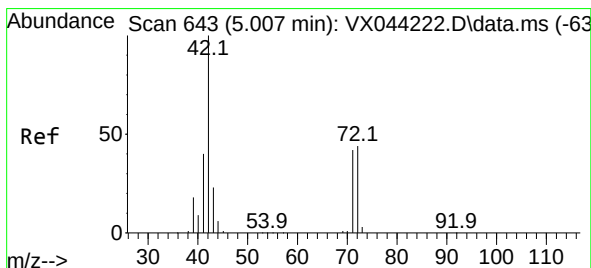
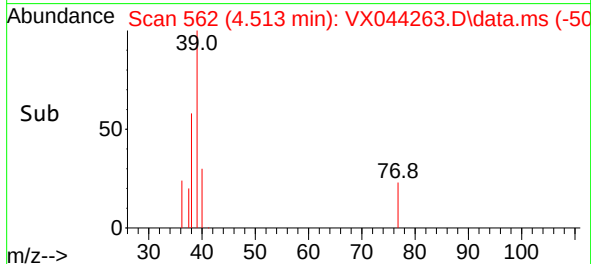
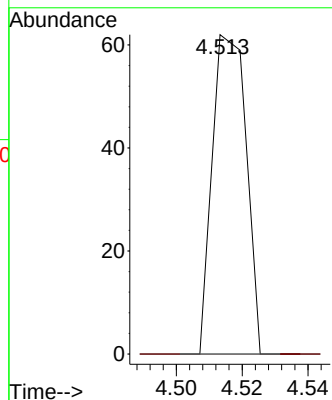
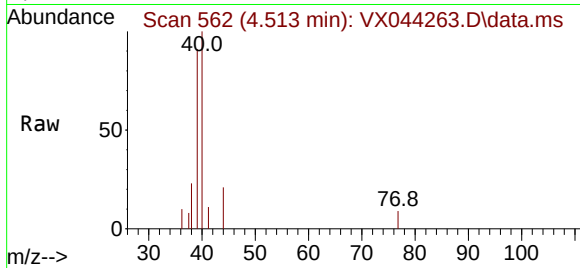
RE120D1-20241210

Tgt Ion: 77 Resp: 44

Ion Ratio Lower Upper

77 100

97 0.0 10.7 32.1#



#29

Tetrahydrofuran

Concen: 0.031 ug/l

RT: 5.062 min Scan# 652

Delta R.T. 0.055 min

Lab File: VX044263.D

Acq: 12 Dec 2024 19:24

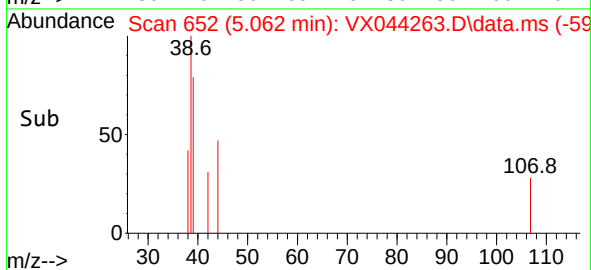
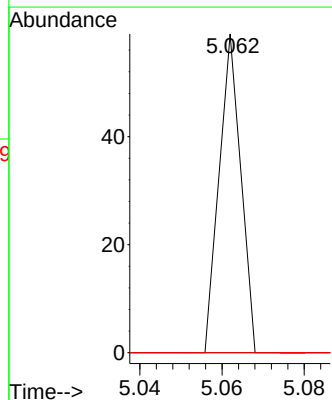
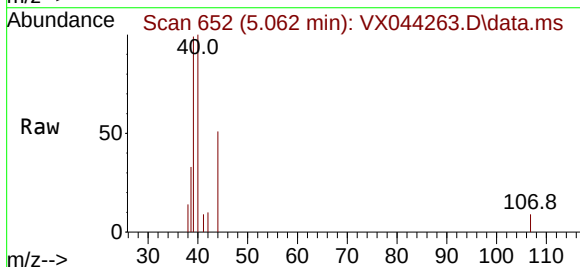
Tgt Ion: 42 Resp: 22

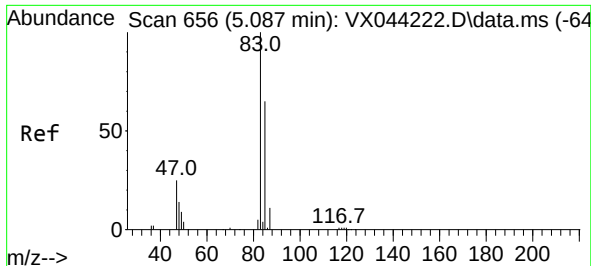
Ion Ratio Lower Upper

42 100

72 0.0 37.0 55.6#

71 0.0 33.6 50.4#

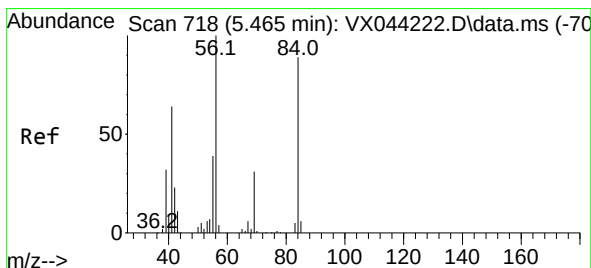
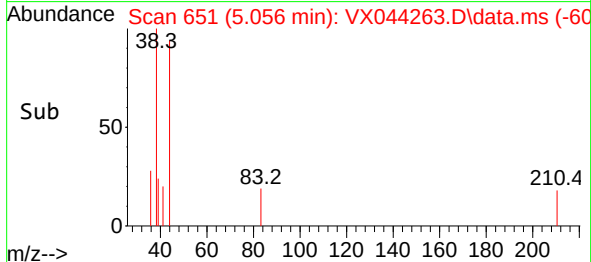
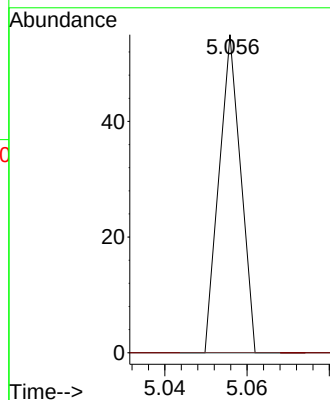
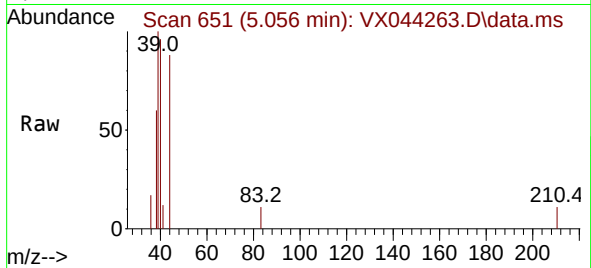




#30  
Chloroform  
Concen: 0.007 ug/l  
RT: 5.056 min Scan# 61  
Delta R.T. -0.031 min  
Lab File: VX044263.D  
Acq: 12 Dec 2024 19:24

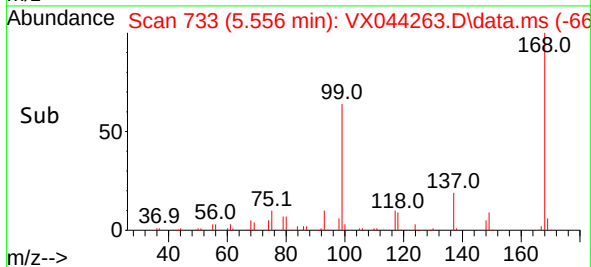
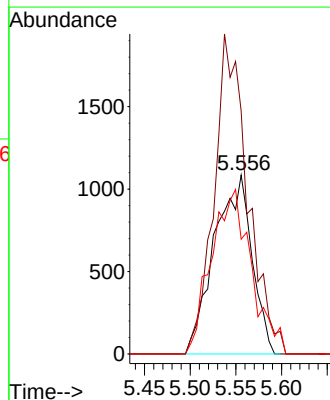
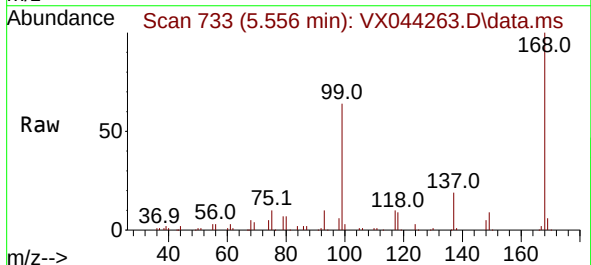
Instrument :  
MSVOA\_X  
ClientSampleId :  
RE120D1-20241210

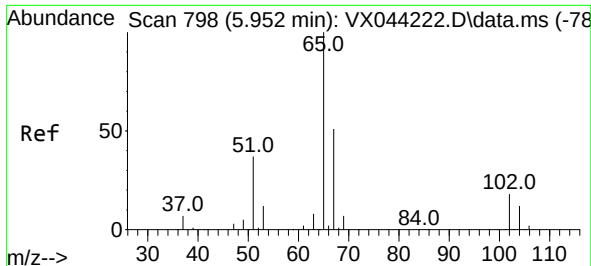
Tgt Ion: 83 Resp: 20  
Ion Ratio Lower Upper  
83 100  
85 0.0 51.6 77.4#



#31  
Cyclohexane  
Concen: 1.478 ug/l  
RT: 5.556 min Scan# 733  
Delta R.T. 0.091 min  
Lab File: VX044263.D  
Acq: 12 Dec 2024 19:24

Tgt Ion: 56 Resp: 3082  
Ion Ratio Lower Upper  
56 100  
69 135.8 24.7 37.1#  
84 64.1 71.0 106.6#





#33

1,2-Dichloroethane-d4

Concen: 49.680 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX044263.D

Acq: 12 Dec 2024 19:24

Instrument :

MSVOA\_X

ClientSampleId :

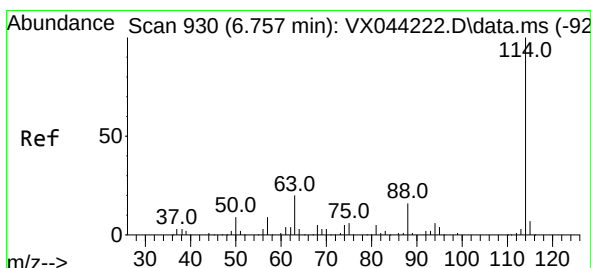
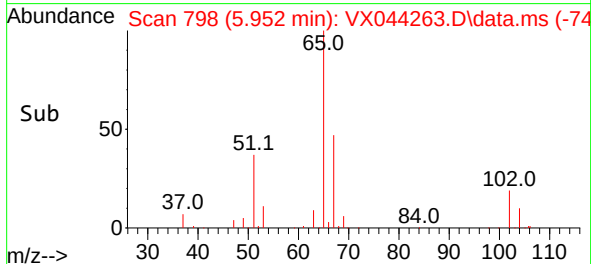
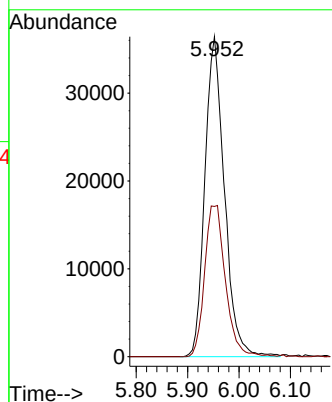
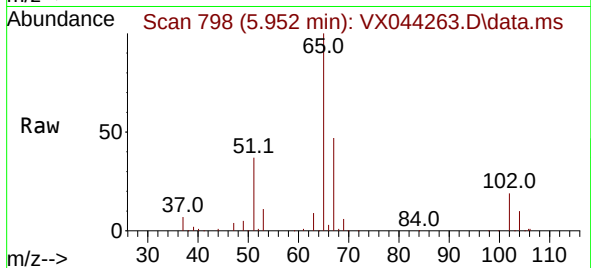
RE120D1-20241210

Tgt Ion: 65 Resp: 95988

Ion Ratio Lower Upper

65 100

67 50.4 0.0 101.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.000 min

Lab File: VX044263.D

Acq: 12 Dec 2024 19:24

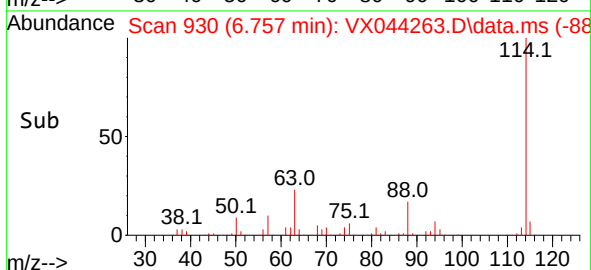
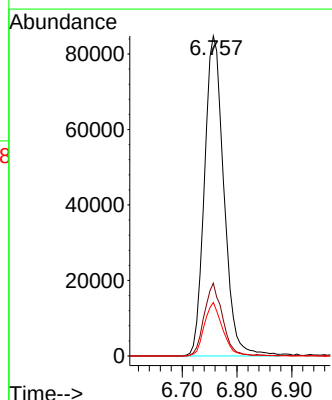
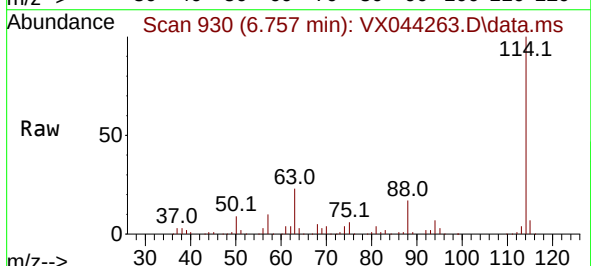
Tgt Ion: 114 Resp: 208519

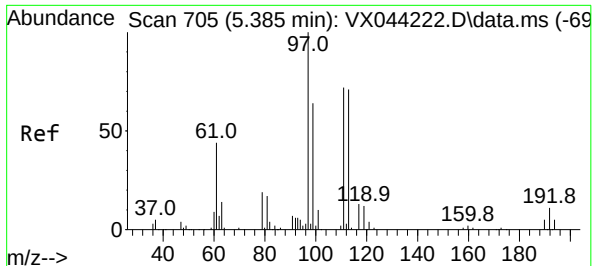
Ion Ratio Lower Upper

114 100

63 22.7 0.0 40.6

88 16.7 0.0 31.8





#35

Dibromofluoromethane

Concen: 46.937 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.000 min

Lab File: VX044263.D

Acq: 12 Dec 2024 19:24

Instrument :

MSVOA\_X

ClientSampleId :

RE120D1-20241210

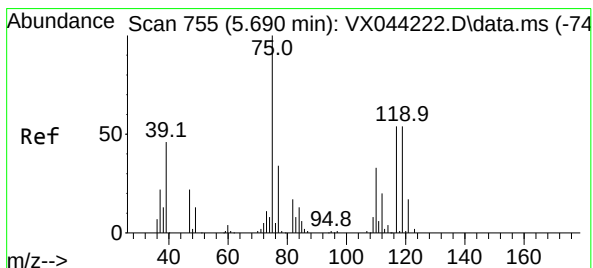
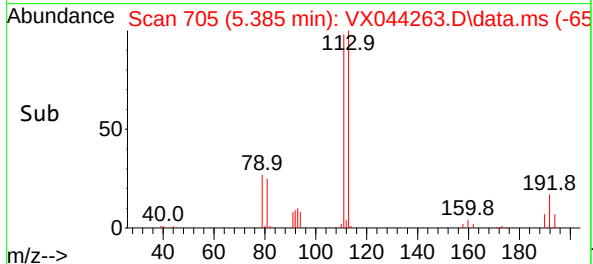
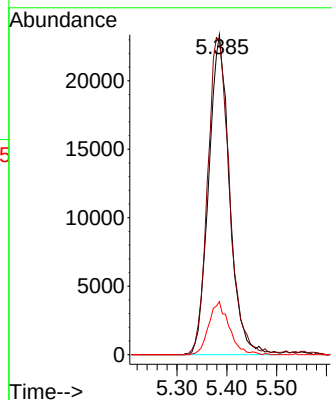
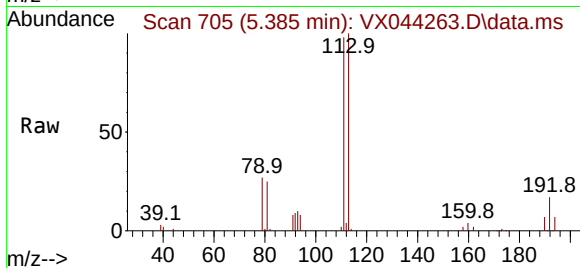
Tgt Ion:113 Resp: 67785

Ion Ratio Lower Upper

113 100

111 103.4 80.4 120.6

192 16.2 13.3 19.9



#36

1,1-Dichloropropene

Concen: 5.413 ug/l

RT: 5.544 min Scan# 731

Delta R.T. -0.147 min

Lab File: VX044263.D

Acq: 12 Dec 2024 19:24

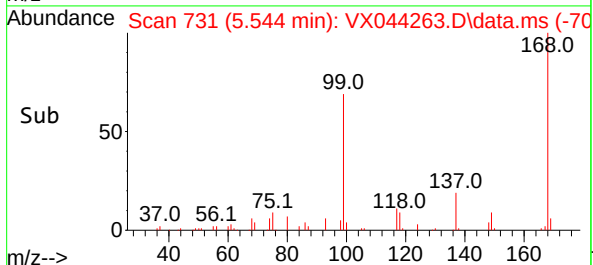
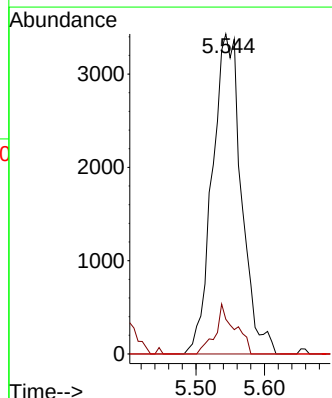
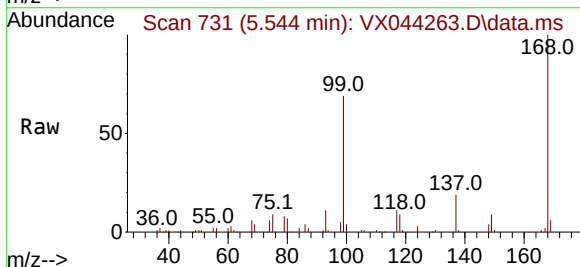
Tgt Ion: 75 Resp: 10105

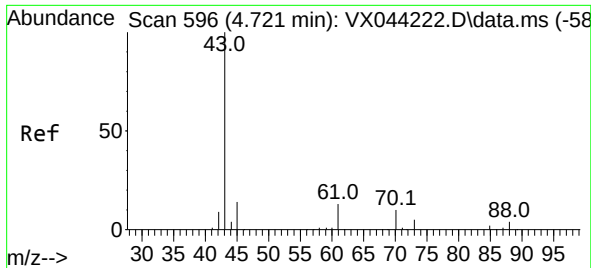
Ion Ratio Lower Upper

75 100

110 10.4 17.3 51.7#

77 0.0 25.4 38.0#





#37

Ethyl Acetate

Concen: 0.022 ug/l

RT: 4.629 min Scan# 51

Delta R.T. -0.092 min

Lab File: VX044263.D

Acq: 12 Dec 2024 19:24

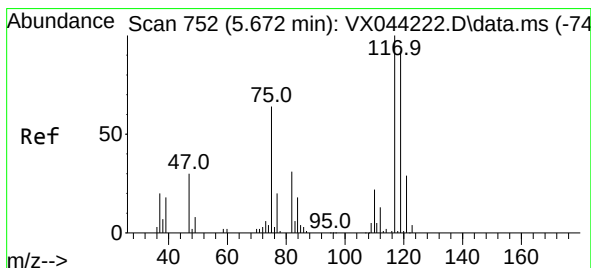
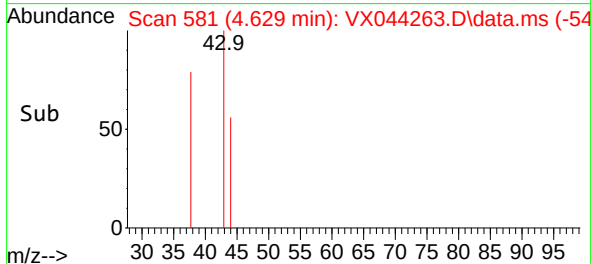
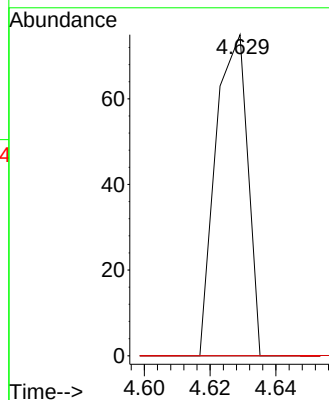
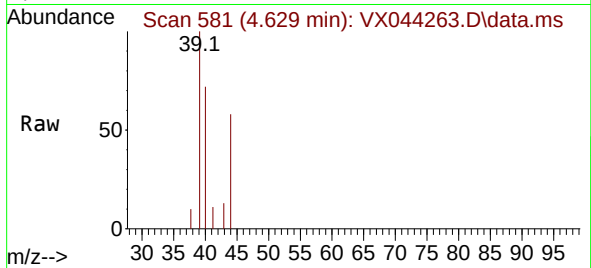
Instrument :

MSVOA\_X

ClientSampleId :

RE120D1-20241210

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 50    |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 61       | 0.0   | 9.8   | 14.8# |
| 70       | 0.0   | 7.7   | 11.5# |



#38

Carbon Tetrachloride

Concen: 6.230 ug/l

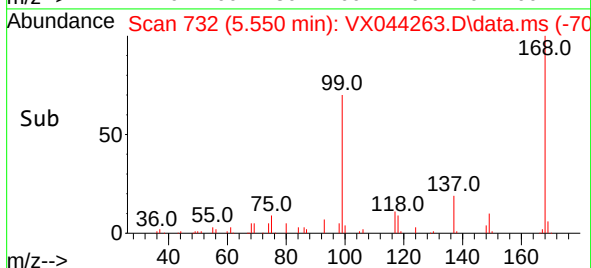
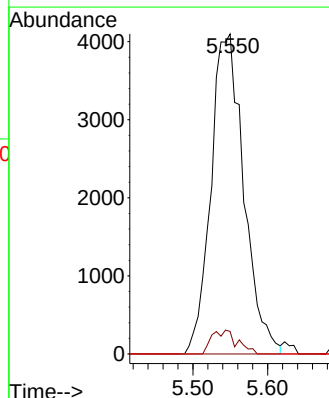
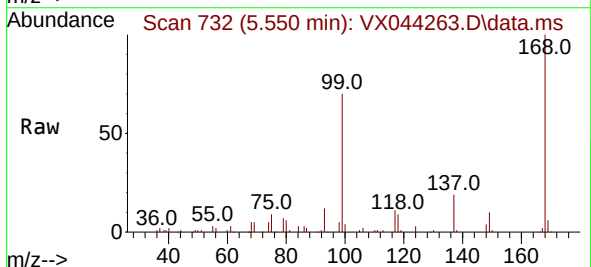
RT: 5.550 min Scan# 732

Delta R.T. -0.122 min

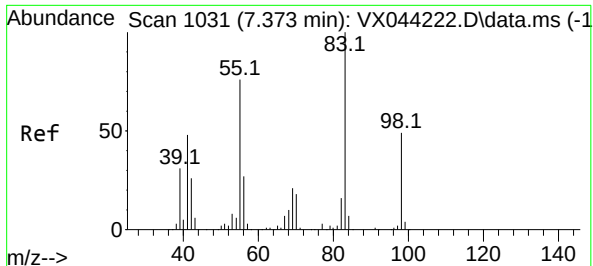
Lab File: VX044263.D

Acq: 12 Dec 2024 19:24

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 12521  |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 119      | 7.1   | 74.2  | 111.4# |
| 121      | 0.0   | 23.0  | 34.6#  |







#39

Methylcyclohexane

Concen: 0.076 ug/l

RT: 7.129 min Scan# 91

Delta R.T. -0.244 min

Lab File: VX044263.D

Acq: 12 Dec 2024 19:24

Instrument :

MSVOA\_X

ClientSampleId :

RE120D1-20241210

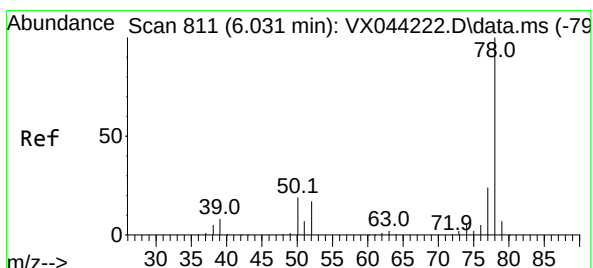
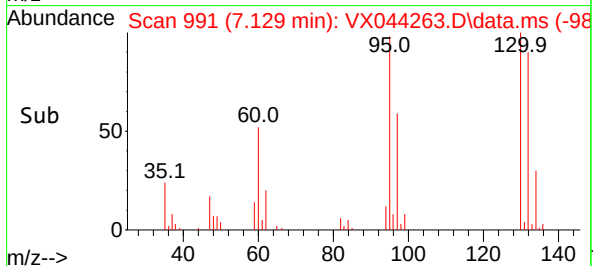
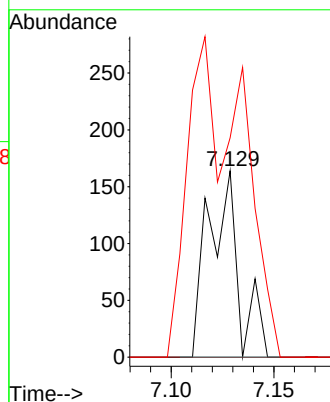
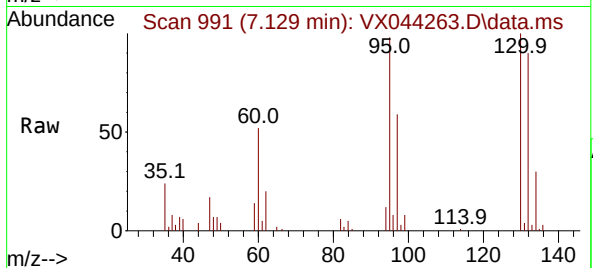
Tgt Ion: 83 Resp: 169

Ion Ratio Lower Upper

83 100

55 0.0 60.7 91.1#

98 117.7 38.9 58.3#



#40

Benzene

Concen: 0.019 ug/l

RT: 6.043 min Scan# 813

Delta R.T. 0.012 min

Lab File: VX044263.D

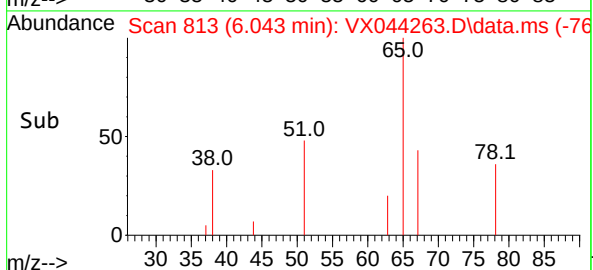
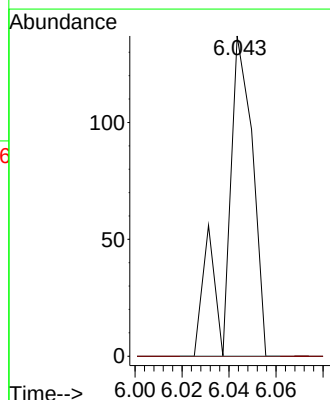
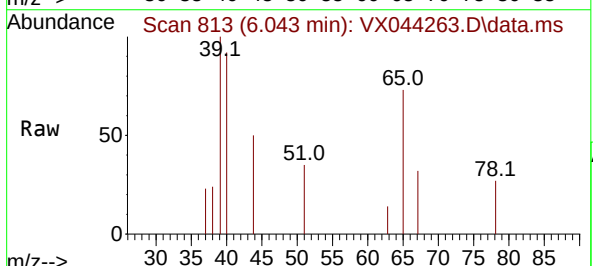
Acq: 12 Dec 2024 19:24

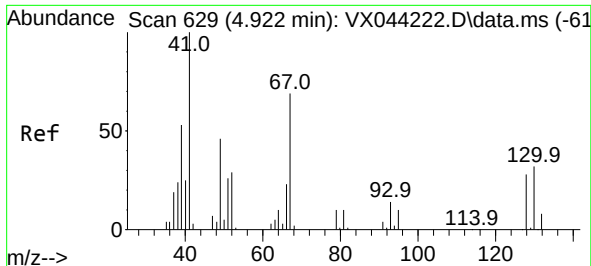
Tgt Ion: 78 Resp: 106

Ion Ratio Lower Upper

78 100

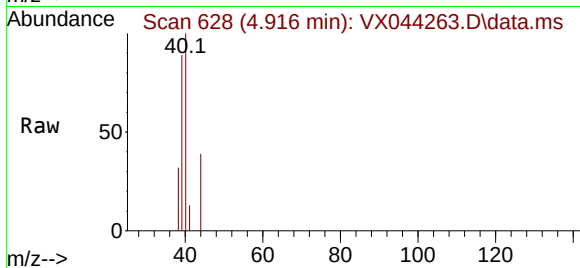
77 0.0 19.3 28.9#



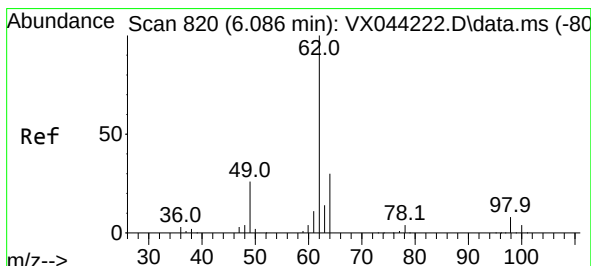
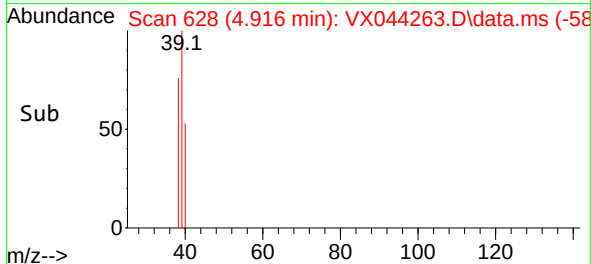
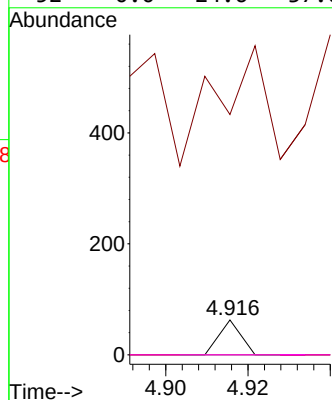


#41  
Methacrylonitrile  
Concen: 0.019 ug/l  
RT: 4.916 min Scan# 61  
Delta R.T. -0.006 min  
Lab File: VX044263.D  
Acq: 12 Dec 2024 19:24

Instrument :  
MSVOA\_X  
ClientSampleId :  
RE120D1-20241210

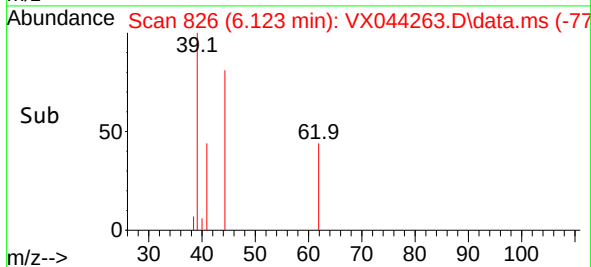
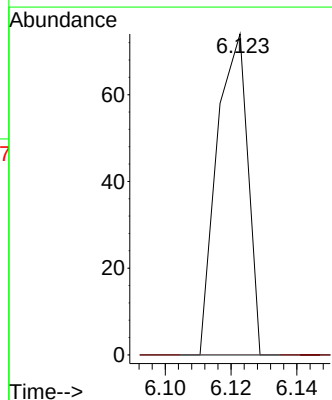
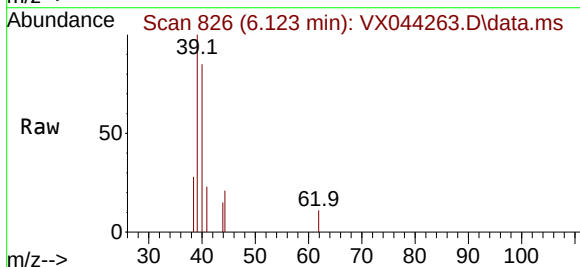


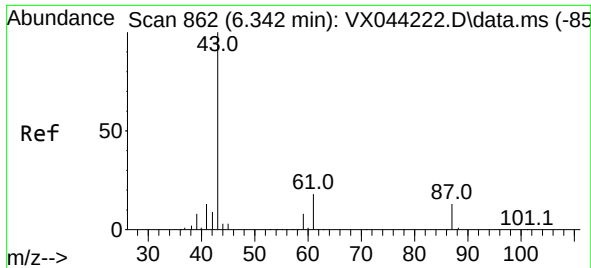
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 23    |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 769.6 | 44.2  | 66.4# |
| 67       | 0.0   | 57.2  | 85.8# |
| 52       | 0.0   | 24.6  | 37.0# |



#42  
1,2-Dichloroethane  
Concen: 0.021 ug/l  
RT: 6.123 min Scan# 826  
Delta R.T. 0.036 min  
Lab File: VX044263.D  
Acq: 12 Dec 2024 19:24

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 62    | Resp: | 48    |
| Ion      | Ratio | Lower | Upper |
| 62       | 100   |       |       |
| 98       | 0.0   | 0.0   | 15.8  |





#43

Isopropyl Acetate

Concen: 0.005 ug/l

RT: 6.348 min Scan# 80

Delta R.T. 0.006 min

Lab File: VX044263.D

Acq: 12 Dec 2024 19:24

Instrument :

MSVOA\_X

ClientSampleId :

RE120D1-20241210

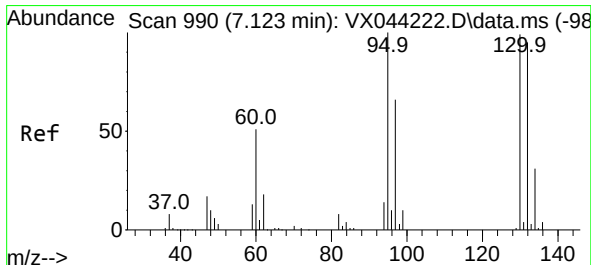
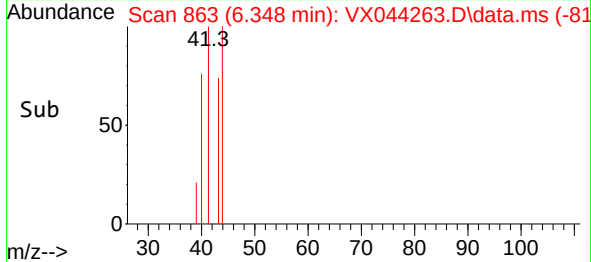
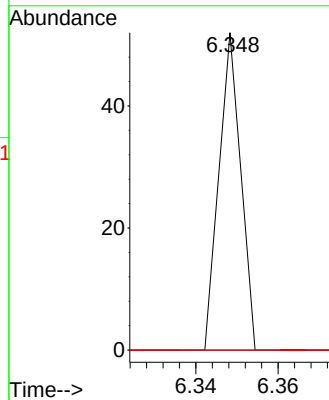
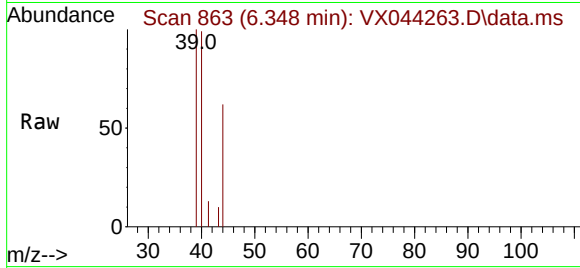
Tgt Ion: 43 Resp: 19

Ion Ratio Lower Upper

43 100

61 0.0 14.2 21.2#

87 0.0 10.2 15.2#



#44

Trichloroethene

Concen: 11.691 ug/l

RT: 7.123 min Scan# 990

Delta R.T. -0.000 min

Lab File: VX044263.D

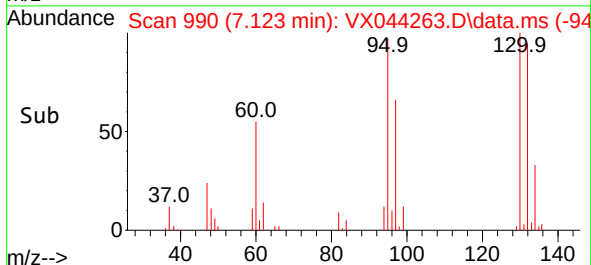
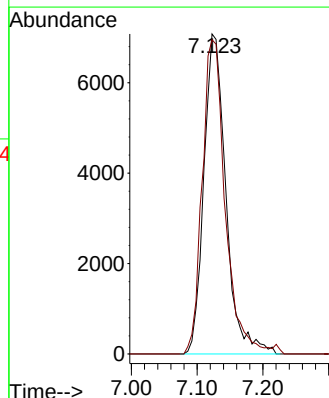
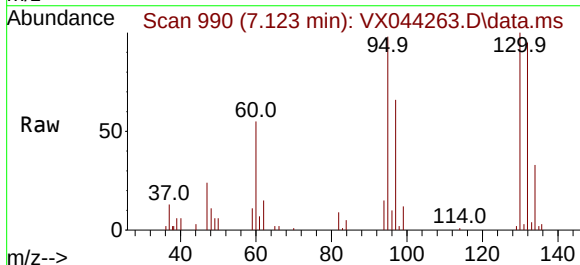
Acq: 12 Dec 2024 19:24

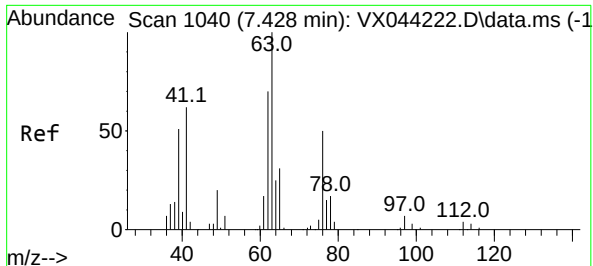
Tgt Ion:130 Resp: 16525

Ion Ratio Lower Upper

130 100

95 98.2 0.0 201.4





#45

1,2-Dichloropropane

Concen: 0.013 ug/l

RT: 7.220 min Scan# 1006

Delta R.T. -0.207 min

Lab File: VX044263.D

Acq: 12 Dec 2024 19:24

Instrument :

MSVOA\_X

ClientSampleId :

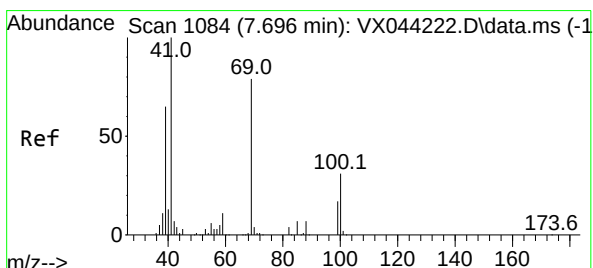
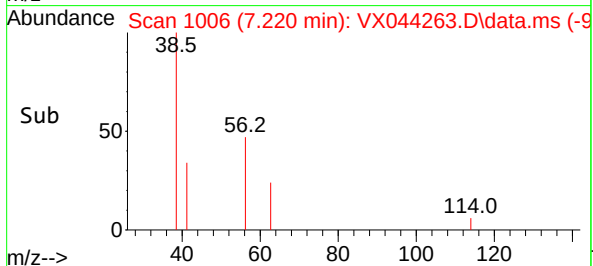
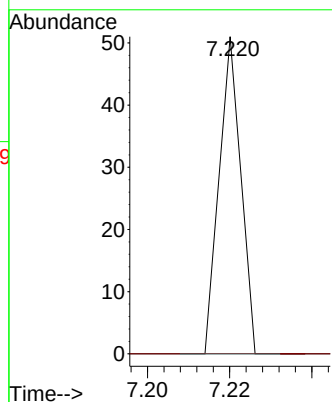
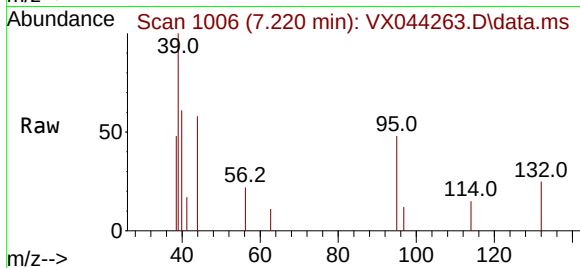
RE120D1-20241210

Tgt Ion: 63 Resp: 19

Ion Ratio Lower Upper

63 100

65 0.0 24.6 37.0#



#48

Methyl methacrylate

Concen: 0.064 ug/l

RT: 7.690 min Scan# 1083

Delta R.T. -0.006 min

Lab File: VX044263.D

Acq: 12 Dec 2024 19:24

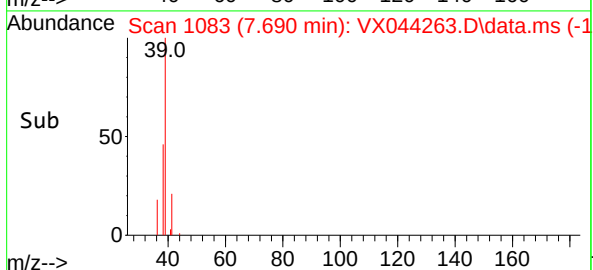
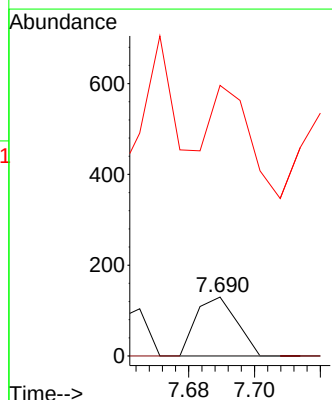
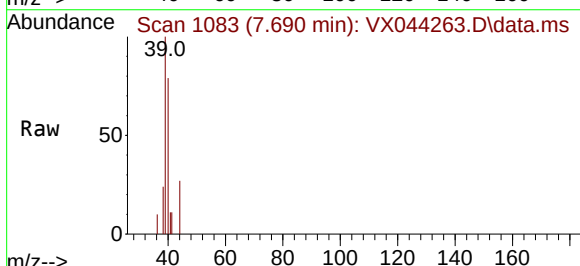
Tgt Ion: 41 Resp: 112

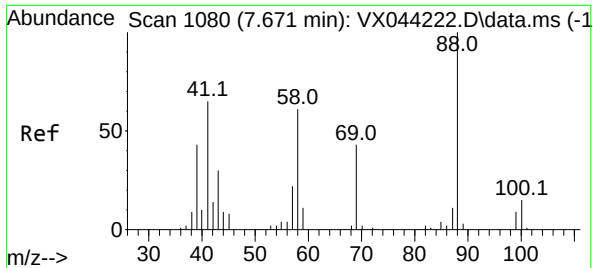
Ion Ratio Lower Upper

41 100

69 0.0 62.4 93.6#

39 171.4 53.3 79.9#





#49

1,4-Dioxane

Concen: 0.723 ug/l

RT: 7.391 min Scan# 1080

Delta R.T. -0.281 min

Lab File: VX044263.D

Acq: 12 Dec 2024 19:24

Instrument :

MSVOA\_X

ClientSampleId :

RE120D1-20241210

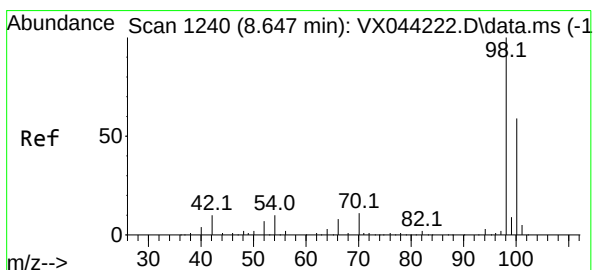
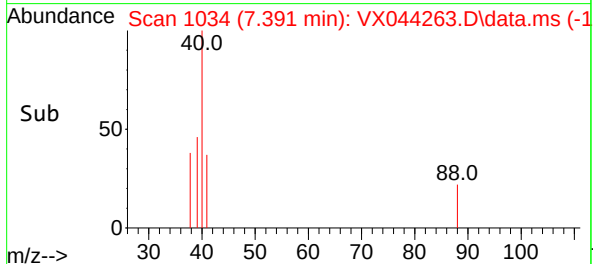
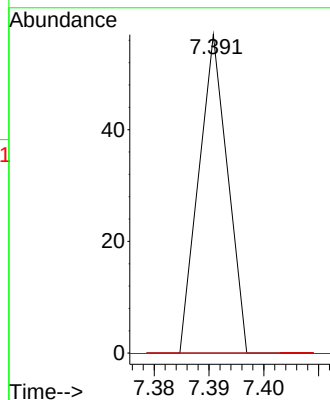
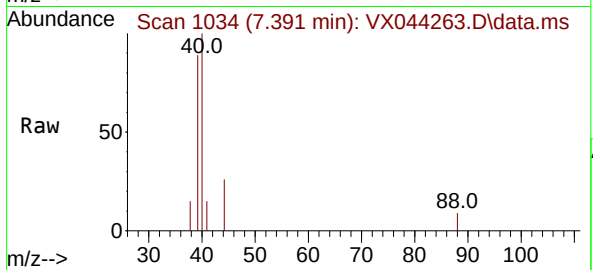
Tgt Ion: 88 Resp: 21

Ion Ratio Lower Upper

88 100

43 0.0 27.1 40.7#

58 0.0 41.0 61.4#



#50

Toluene-d8

Concen: 52.333 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.000 min

Lab File: VX044263.D

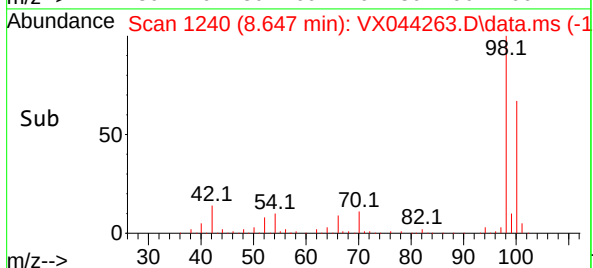
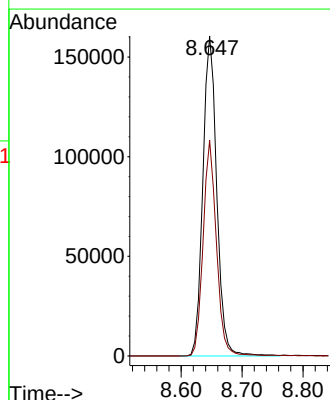
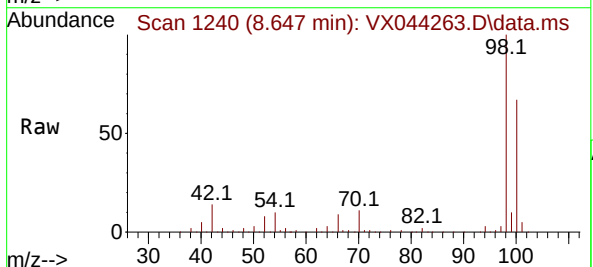
Acq: 12 Dec 2024 19:24

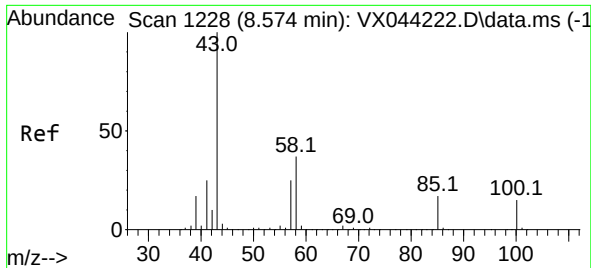
Tgt Ion: 98 Resp: 254981

Ion Ratio Lower Upper

98 100

100 64.4 51.5 77.3

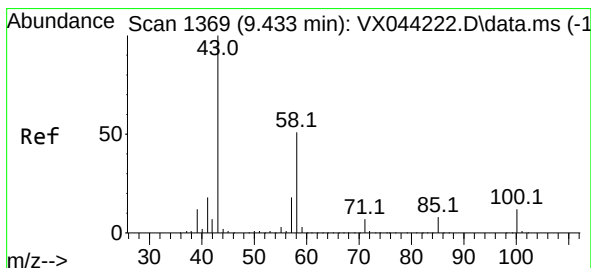
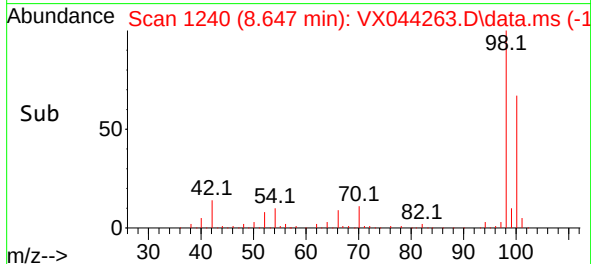
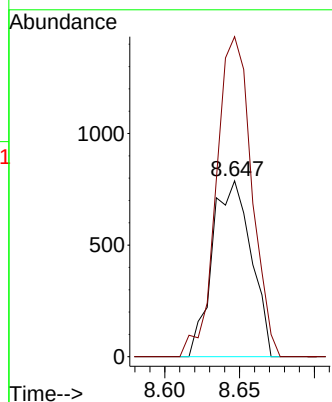
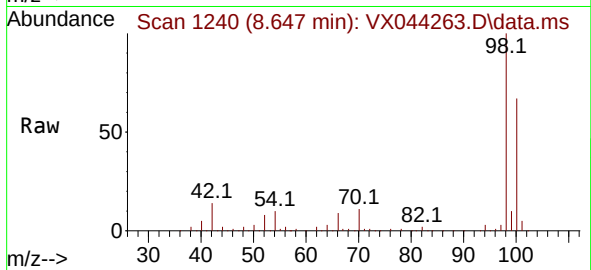




#51  
4-Methyl-2-Pentanone  
Concen: 0.614 ug/l  
RT: 8.647 min Scan# 11  
Delta R.T. 0.073 min  
Lab File: VX044263.D  
Acq: 12 Dec 2024 19:24

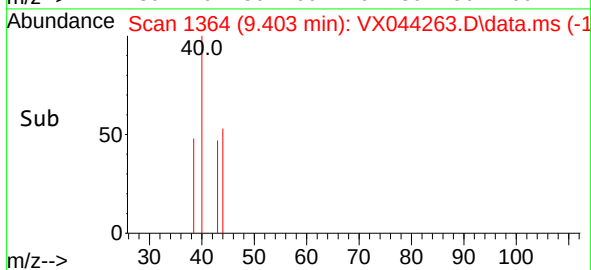
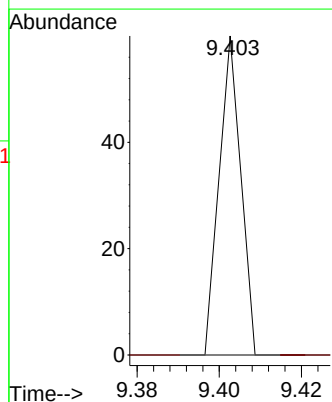
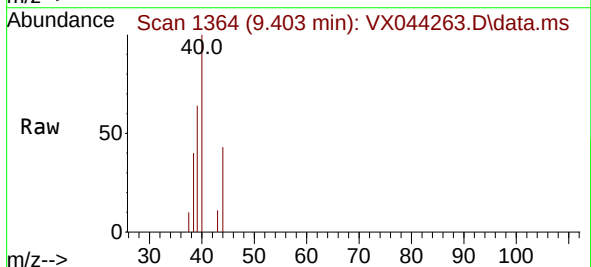
Instrument :  
MSVOA\_X  
ClientSampleId :  
RE120D1-20241210

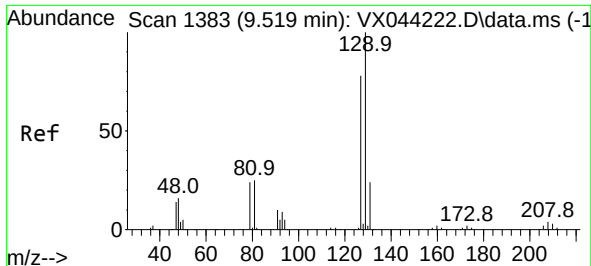
Tgt Ion: 43 Resp: 1423  
Ion Ratio Lower Upper  
43 100  
58 165.6 29.4 44.0#



#59  
2-Hexanone  
Concen: 0.013 ug/l  
RT: 9.403 min Scan# 1364  
Delta R.T. -0.031 min  
Lab File: VX044263.D  
Acq: 12 Dec 2024 19:24

Tgt Ion: 43 Resp: 22  
Ion Ratio Lower Upper  
43 100  
58 0.0 25.7 77.0#

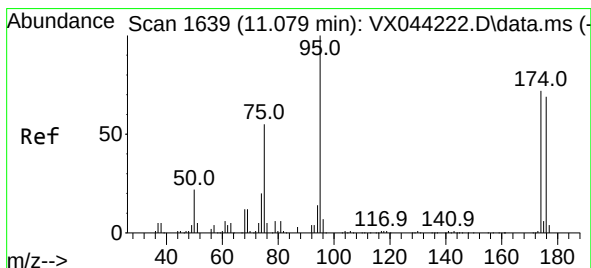
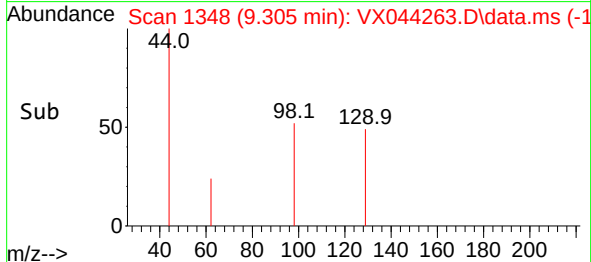
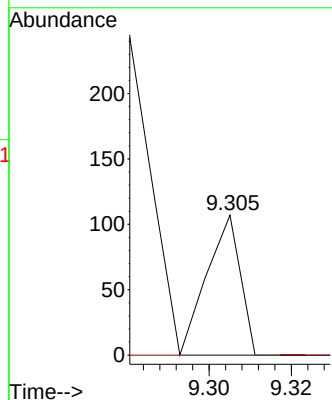
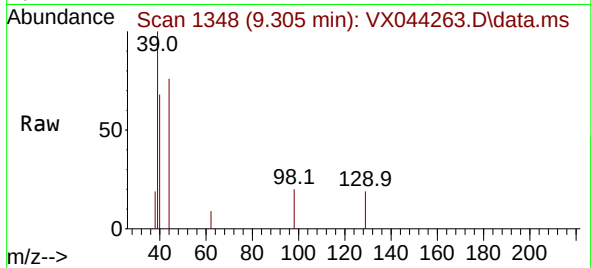




#60  
Dibromochloromethane  
Concen: 1.273 ug/l  
RT: 9.305 min Scan# 11  
Delta R.T. -0.214 min  
Lab File: VX044263.D  
Acq: 12 Dec 2024 19:24

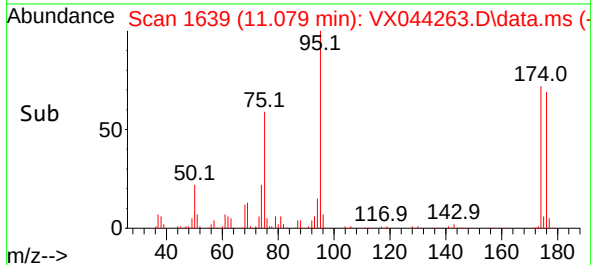
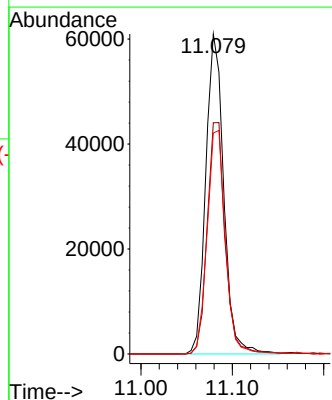
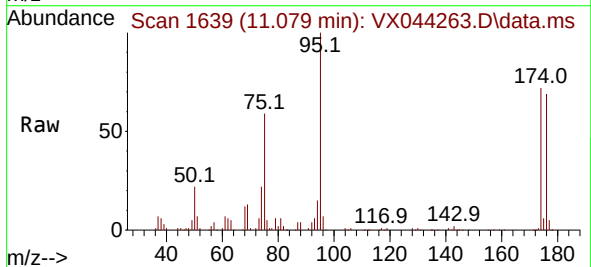
Instrument :  
MSVOA\_X  
ClientSampleId :  
RE120D1-20241210

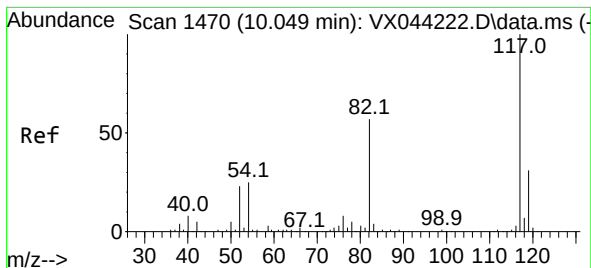
Tgt Ion:129 Resp: 61  
Ion Ratio Lower Upper  
129 100  
127 0.0 38.5 115.3#



#62  
4-Bromofluorobenzene  
Concen: 48.773 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. -0.000 min  
Lab File: VX044263.D  
Acq: 12 Dec 2024 19:24

Tgt Ion: 95 Resp: 83036  
Ion Ratio Lower Upper  
95 100  
174 72.5 0.0 145.8  
176 70.9 0.0 137.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1470

Delta R.T. 0.006 min

Lab File: VX044263.D

Acq: 12 Dec 2024 19:24

Instrument :

MSVOA\_X

ClientSampleId :

RE120D1-20241210

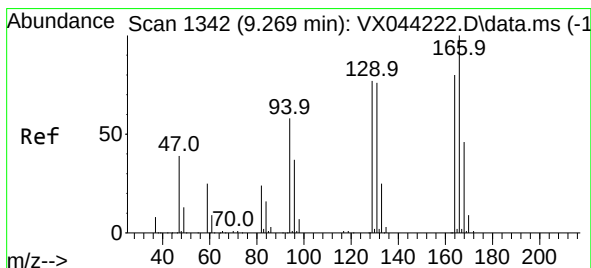
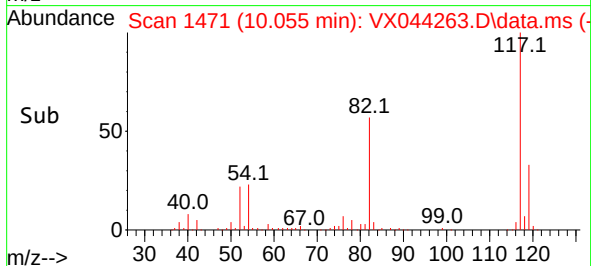
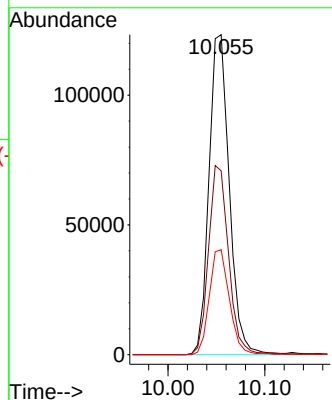
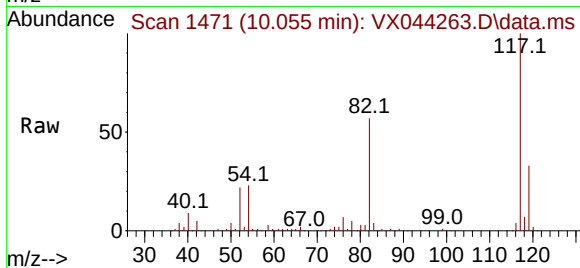
Tgt Ion:117 Resp: 179930

Ion Ratio Lower Upper

117 100

82 57.4 45.8 68.8

119 32.8 25.0 37.4



#64

Tetrachloroethene

Concen: 0.375 ug/l

RT: 9.275 min Scan# 1343

Delta R.T. 0.006 min

Lab File: VX044263.D

Acq: 12 Dec 2024 19:24

Tgt Ion:164 Resp: 448

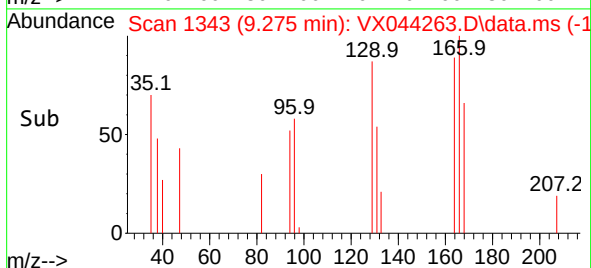
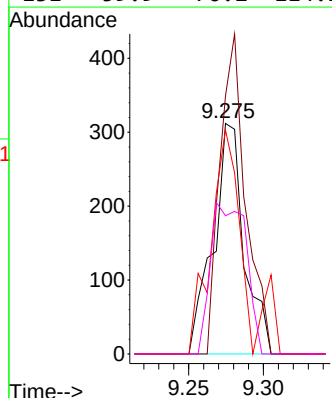
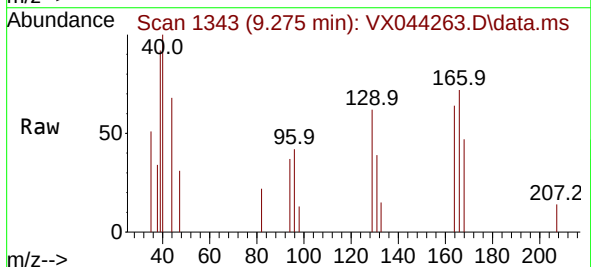
Ion Ratio Lower Upper

164 100

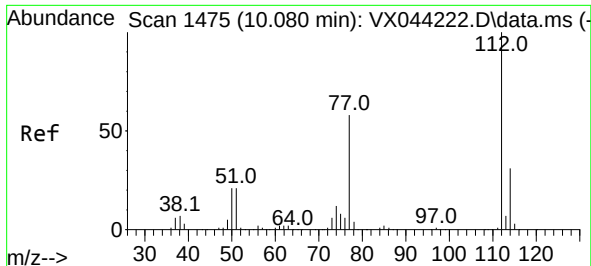
166 111.9 100.4 150.6

129 97.1 77.2 115.8

131 59.9 76.2 114.2#







#65

Chlorobenzene

Concen: 0.005 ug/l

RT: 10.085 min Scan# 14

Delta R.T. 0.006 min

Lab File: VX044263.D

Acq: 12 Dec 2024 19:24

Instrument :

MSVOA\_X

ClientSampleId :

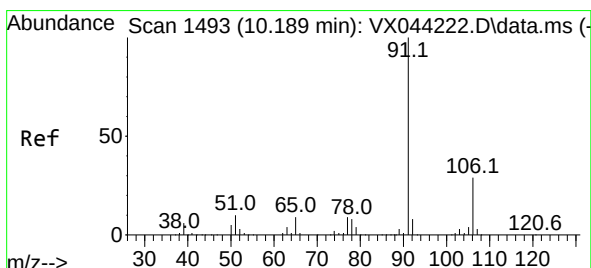
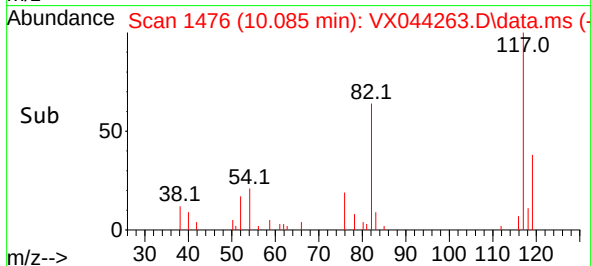
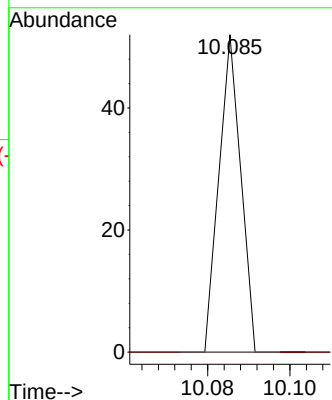
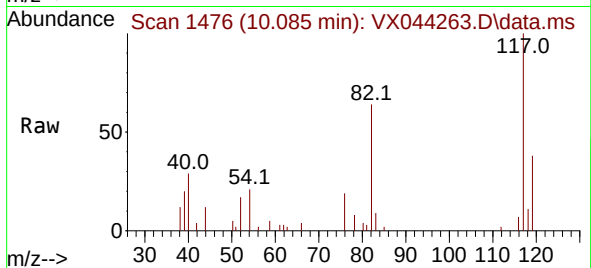
RE120D1-20241210

Tgt Ion:112 Resp: 19

Ion Ratio Lower Upper

112 100

114 0.0 25.0 37.6#



#67

Ethyl Benzene

Concen: 0.061 ug/l

RT: 10.049 min Scan# 1470

Delta R.T. -0.140 min

Lab File: VX044263.D

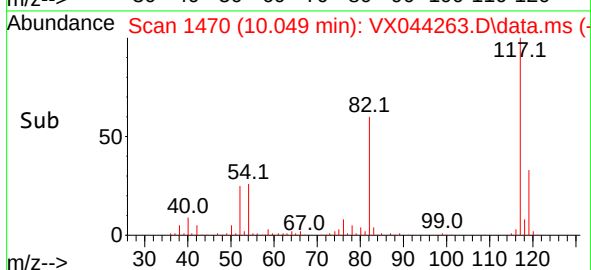
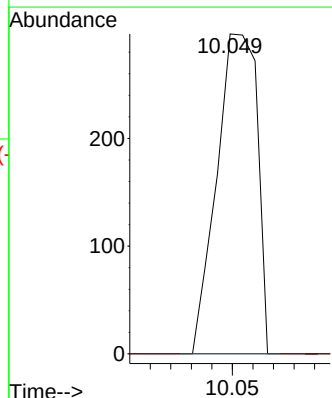
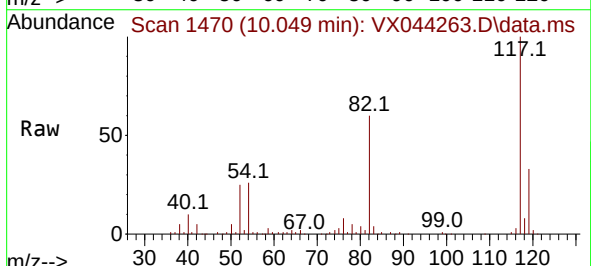
Acq: 12 Dec 2024 19:24

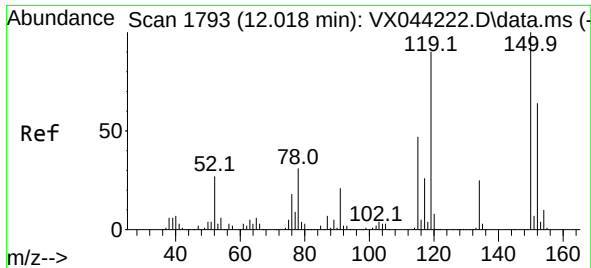
Tgt Ion: 91 Resp: 407

Ion Ratio Lower Upper

91 100

106 0.0 23.5 35.3#

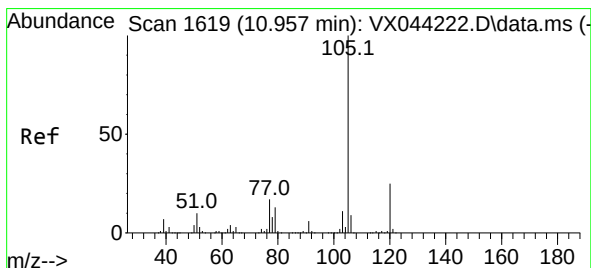
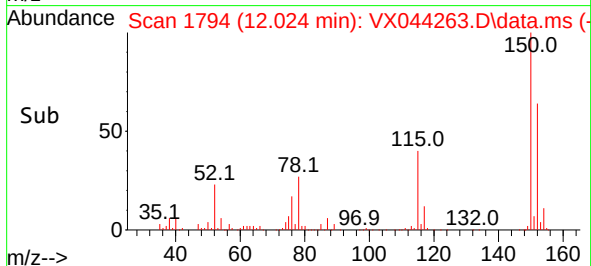
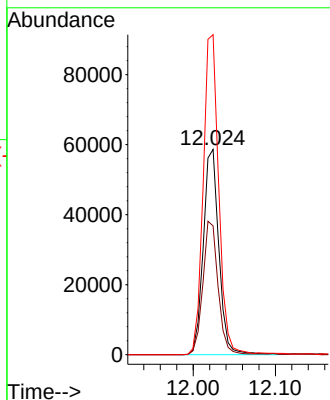
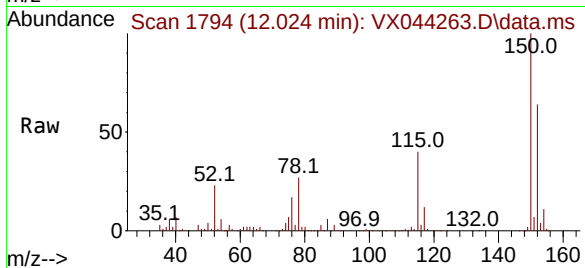




#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.024 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VX044263.D  
Acq: 12 Dec 2024 19:24

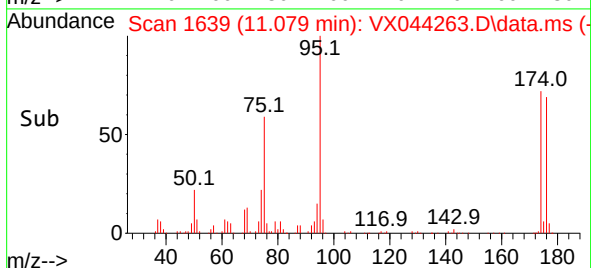
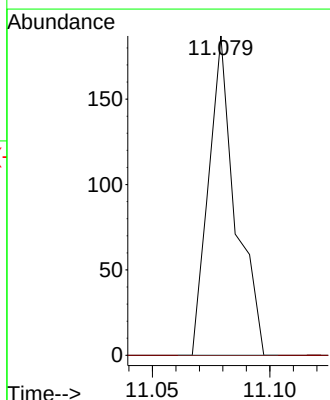
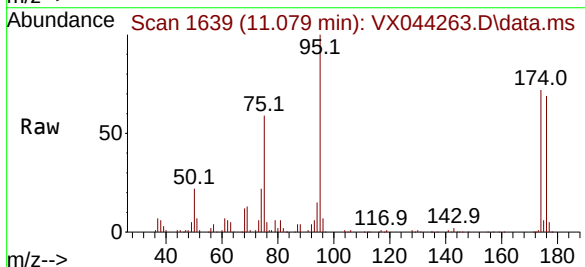
Instrument :  
MSVOA\_X  
ClientSampleId :  
RE120D1-20241210

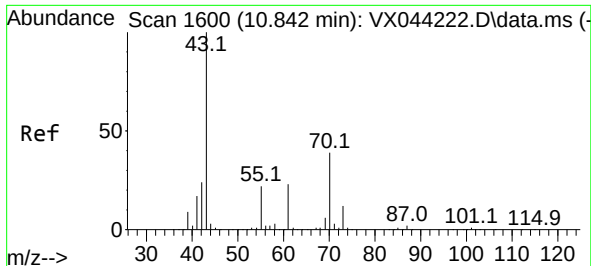
Tgt Ion:152 Resp: 77152  
Ion Ratio Lower Upper  
152 100  
115 63.8 44.5 133.3  
150 155.0 0.0 353.8



#73  
Isopropylbenzene  
Concen: 0.025 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. 0.122 min  
Lab File: VX044263.D  
Acq: 12 Dec 2024 19:24

Tgt Ion:105 Resp: 149  
Ion Ratio Lower Upper  
105 100  
120 0.0 13.1 39.3#

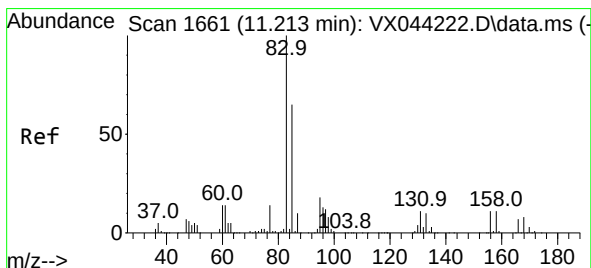
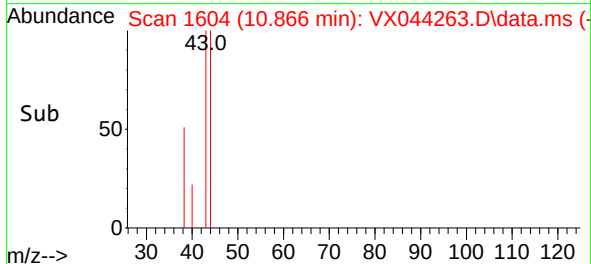
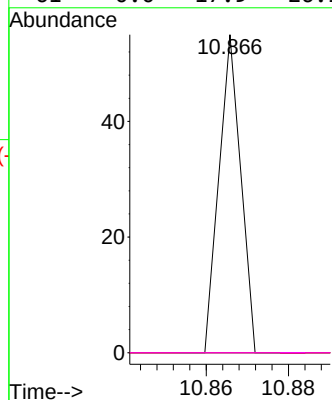
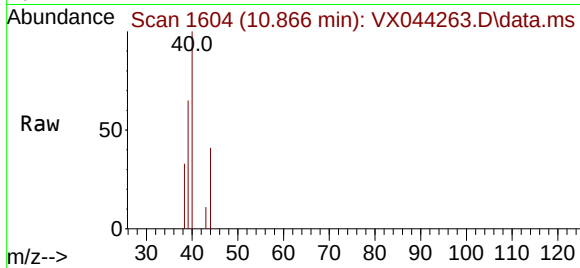




#74  
N-amy1 acetate  
Concen: 0.007 ug/l  
RT: 10.866 min Scan# 1604  
Delta R.T. 0.024 min  
Lab File: VX044263.D  
Acq: 12 Dec 2024 19:24

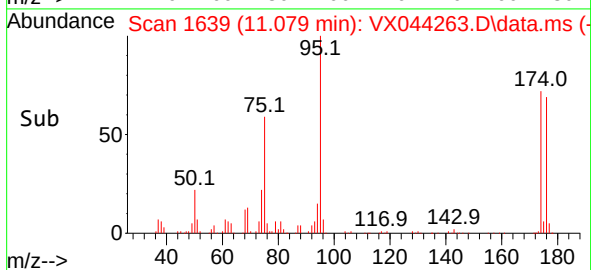
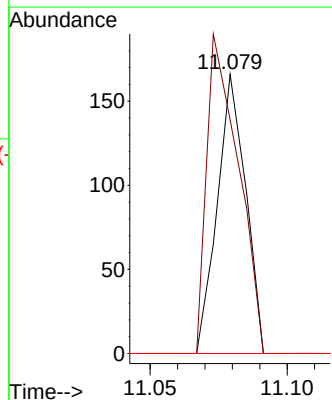
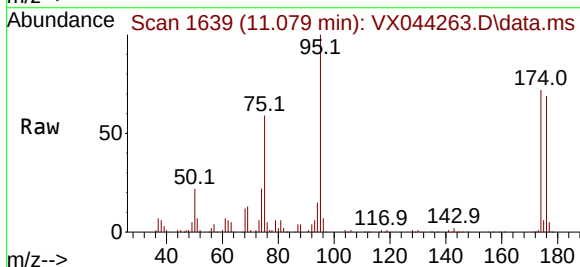
Instrument :  
MSVOA\_X  
ClientSampleId :  
RE120D1-20241210

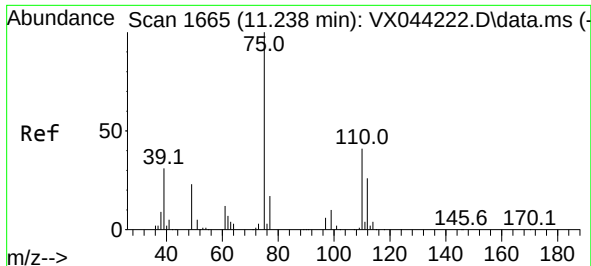
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 20    |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 70       | 0.0   | 31.9  | 47.9# |
| 55       | 0.0   | 17.9  | 26.9# |
| 61       | 0.0   | 17.9  | 26.9# |



#75  
1,1,2,2-Tetrachloroethane  
Concen: 0.058 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. -0.134 min  
Lab File: VX044263.D  
Acq: 12 Dec 2024 19:24

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 83    | Resp: | 119   |
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 131      | 127.7 | 5.1   | 15.4# |
| 85       | 0.0   | 32.5  | 97.4# |

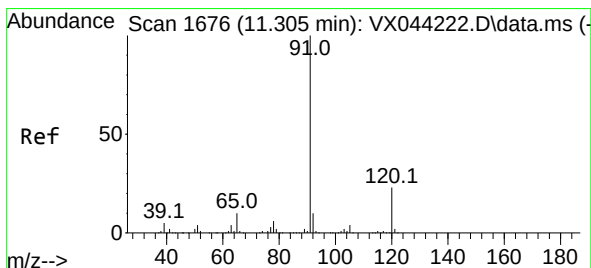
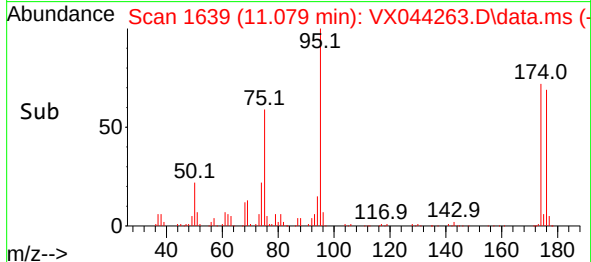
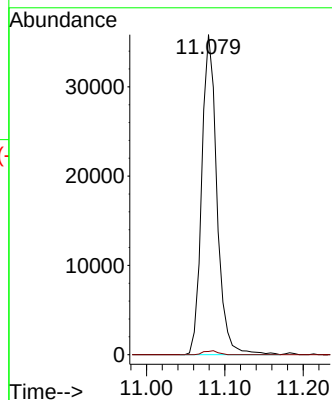
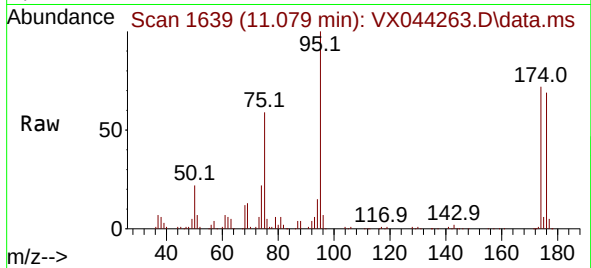




#76  
1,2,3-Trichloropropane  
Concen: 28.079 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. -0.159 min  
Lab File: VX044263.D  
Acq: 12 Dec 2024 19:24

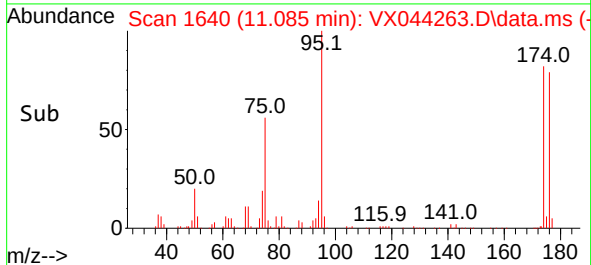
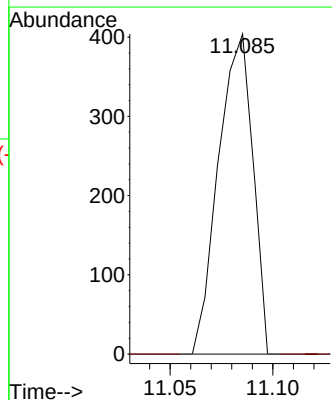
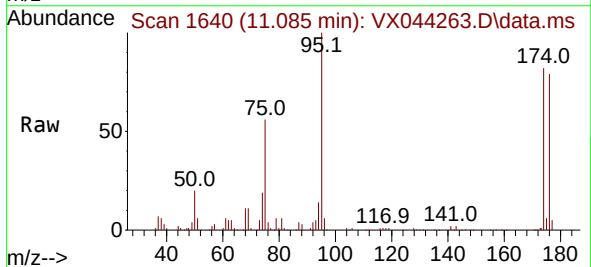
Instrument :  
MSVOA\_X  
ClientSampleId :  
RE120D1-20241210

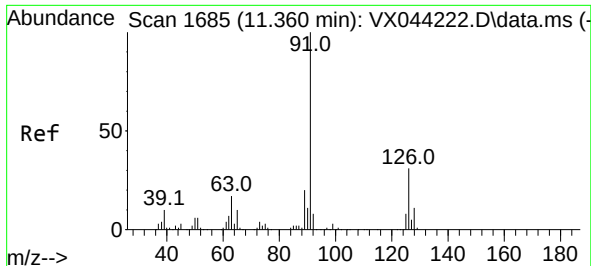
Tgt Ion: 75 Resp: 48370  
Ion Ratio Lower Upper  
75 100  
77 1.2 20.9 62.7#



#78  
n-propylbenzene  
Concen: 0.072 ug/l  
RT: 11.085 min Scan# 1640  
Delta R.T. -0.220 min  
Lab File: VX044263.D  
Acq: 12 Dec 2024 19:24

Tgt Ion: 91 Resp: 470  
Ion Ratio Lower Upper  
91 100  
120 0.0 11.0 33.0#

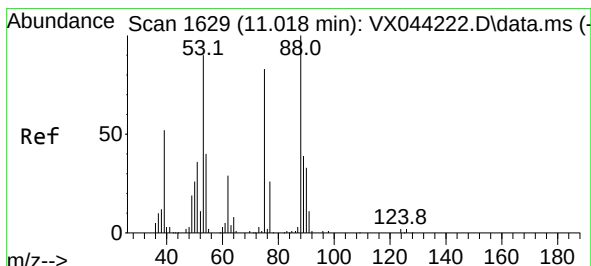
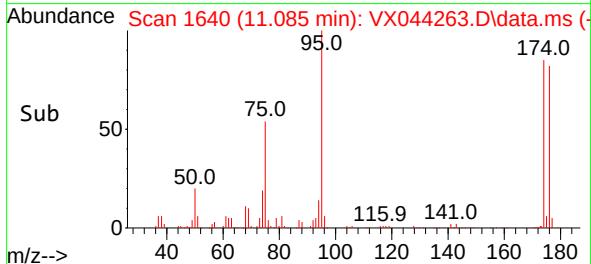
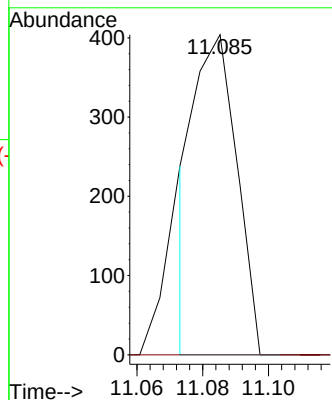
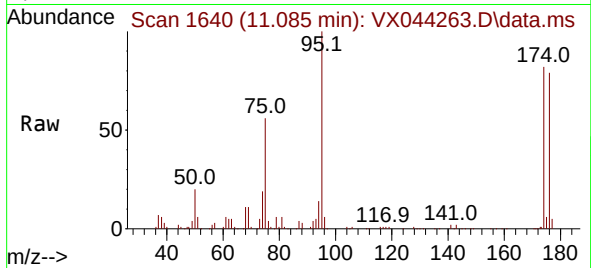




#79  
2-Chlorotoluene  
Concen: 0.085 ug/l  
RT: 11.085 min Scan# 1639  
Delta R.T. -0.275 min  
Lab File: VX044263.D  
Acq: 12 Dec 2024 19:24

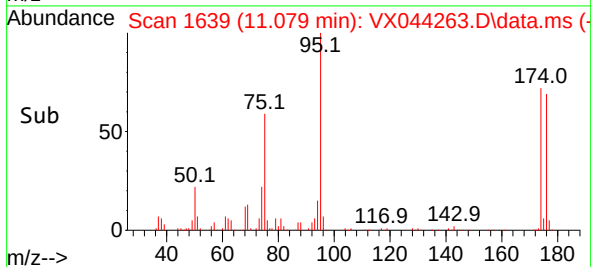
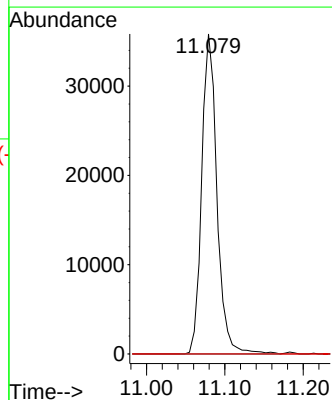
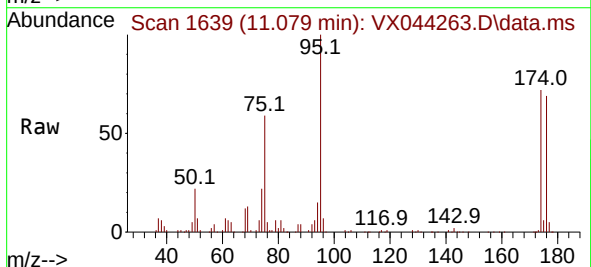
Instrument :  
MSVOA\_X  
ClientSampleId :  
RE120D1-20241210

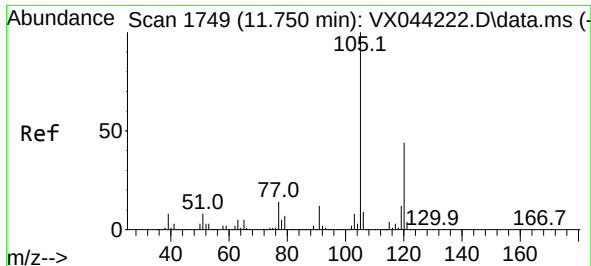
Tgt Ion: 91 Resp: 357  
Ion Ratio Lower Upper  
91 100  
126 0.0 16.4 49.1#



#81  
trans-1,4-Dichloro-2-butene  
Concen: 77.063 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. 0.061 min  
Lab File: VX044263.D  
Acq: 12 Dec 2024 19:24

Tgt Ion: 75 Resp: 48370  
Ion Ratio Lower Upper  
75 100  
53 0.0 93.6 140.4#  
89 0.0 37.3 55.9#

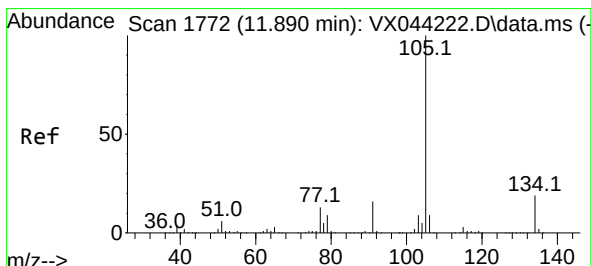
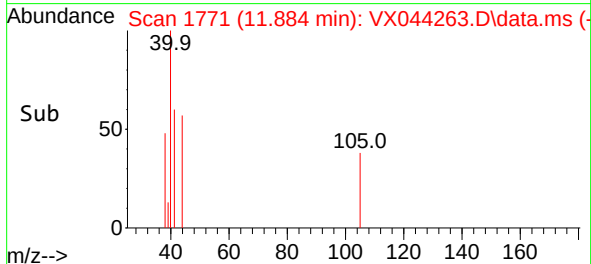
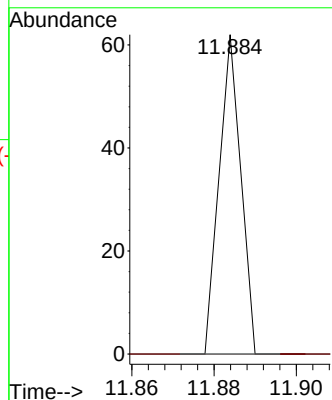
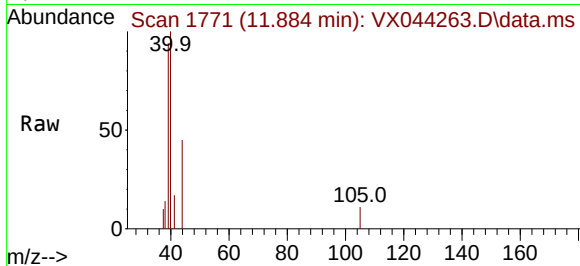




#84  
1,2,4-Trimethylbenzene  
Concen: 0.005 ug/l  
RT: 11.884 min Scan# 1771  
Delta R.T. 0.134 min  
Lab File: VX044263.D  
Acq: 12 Dec 2024 19:24

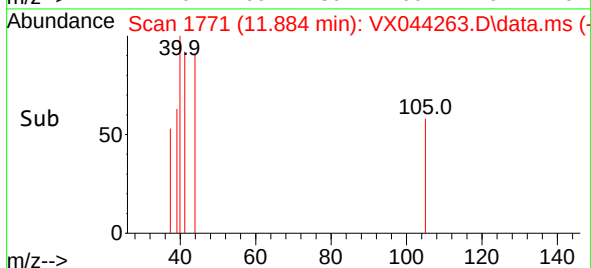
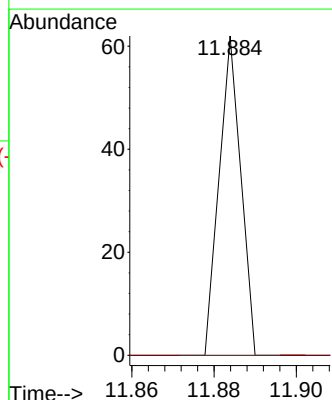
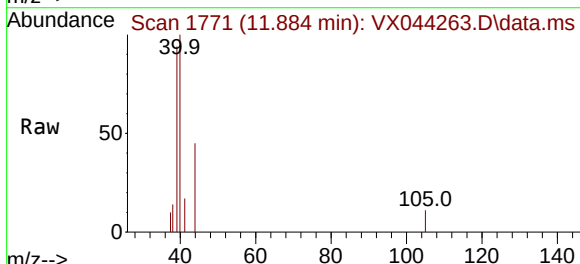
Instrument :  
MSVOA\_X  
ClientSampleId :  
RE120D1-20241210

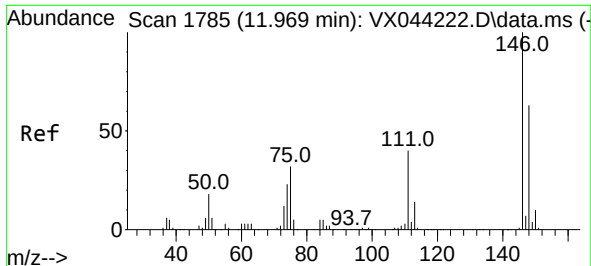
Tgt Ion:105 Resp: 23  
Ion Ratio Lower Upper  
105 100  
120 0.0 21.7 65.1#



#85  
sec-Butylbenzene  
Concen: 0.004 ug/l  
RT: 11.884 min Scan# 1771  
Delta R.T. -0.006 min  
Lab File: VX044263.D  
Acq: 12 Dec 2024 19:24

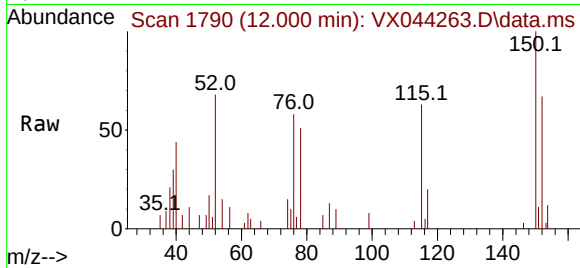
Tgt Ion:105 Resp: 23  
Ion Ratio Lower Upper  
105 100  
134 0.0 9.8 29.4#



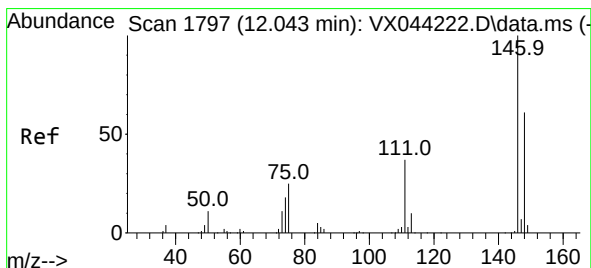
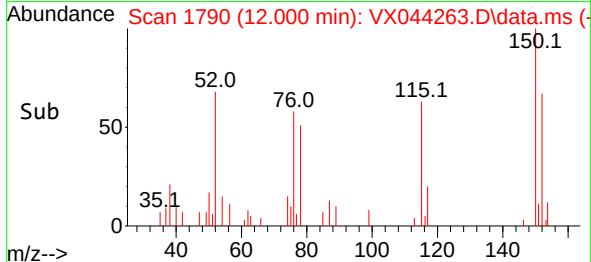
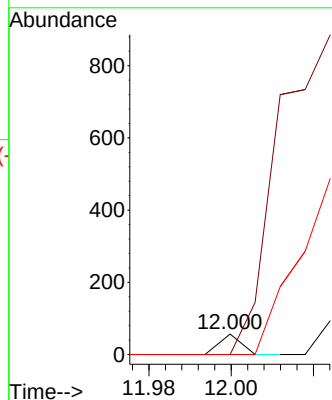


#87  
1,3-Dichlorobenzene  
Concen: 0.008 ug/l  
RT: 12.000 min Scan# 1790  
Delta R.T. 0.030 min  
Lab File: VX044263.D  
Acq: 12 Dec 2024 19:24

Instrument :  
MSVOA\_X  
ClientSampleId :  
RE120D1-20241210

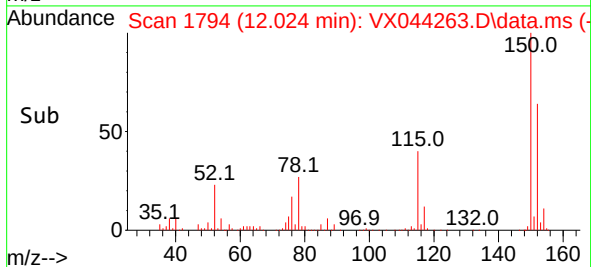
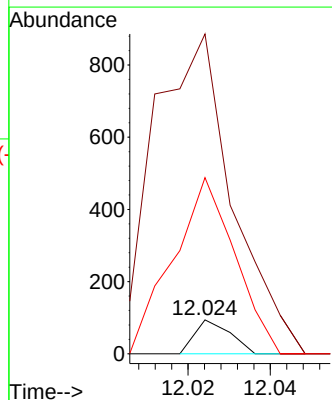
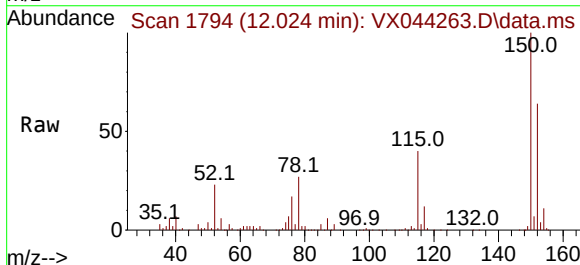


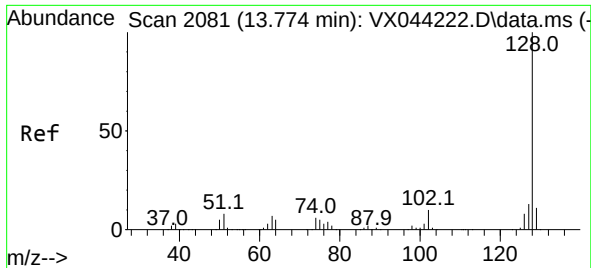
Tgt Ion:146 Resp: 21  
Ion Ratio Lower Upper  
146 100  
111 0.0 21.4 64.2#  
148 0.0 31.7 95.1#



#88  
1,4-Dichlorobenzene  
Concen: 0.022 ug/l  
RT: 12.024 min Scan# 1794  
Delta R.T. -0.018 min  
Lab File: VX044263.D  
Acq: 12 Dec 2024 19:24

Tgt Ion:146 Resp: 56  
Ion Ratio Lower Upper  
146 100  
111 2128.6 21.0 63.0#  
148 914.3 32.3 96.8#





#95

Naphthalene

Concen: 0.010 ug/l

RT: 13.804 min Scan# 2086

Delta R.T. 0.030 min

Lab File: VX044263.D

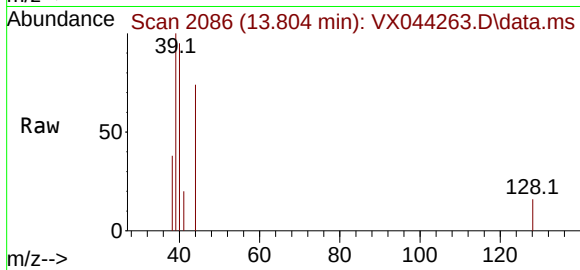
Acq: 12 Dec 2024 19:24

Instrument :

MSVOA\_X

ClientSampleId :

RE120D1-20241210



Tgt Ion:128 Resp: 56

Ion Ratio Lower Upper

128 100

127 0.0 10.5 15.7#

129 0.0 9.0 13.4#

