

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX090122\  
 Data File : VX031032.D  
 Acq On : 01 Sep 2022 20:09  
 Operator : JC/MD  
 Sample : N4281-02  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 RE122D2-20220818

Quant Time: Sep 02 02:55:59 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X090122W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Sep 02 02:49:21 2022  
 Response via : Initial Calibration

| Compound                      | R.T.           | QIon | Response             | Conc      | Units  | Dev(Min) |
|-------------------------------|----------------|------|----------------------|-----------|--------|----------|
| -----                         |                |      |                      |           |        |          |
| Internal Standards            |                |      |                      |           |        |          |
| 1) Pentafluorobenzene         | 5.556          | 168  | 217266               | 50.000    | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene       | 6.769          | 114  | 363343               | 50.000    | ug/l   | 0.00     |
| 63) Chlorobenzene-d5          | 10.055         | 117  | 316007               | 50.000    | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4    | 12.024         | 152  | 164804               | 50.000    | ug/l   | 0.00     |
|                               |                |      |                      |           |        |          |
| System Monitoring Compounds   |                |      |                      |           |        |          |
| 33) 1,2-Dichloroethane-d4     | 5.958          | 65   | 158037               | 56.532    | ug/l   | 0.00     |
| Spiked Amount 50.000          | Range 74 - 125 |      | Recovery = 113.060%  |           |        |          |
| 35) Dibromofluoromethane      | 5.391          | 113  | 154668               | 58.331    | ug/l   | 0.00     |
| Spiked Amount 50.000          | Range 75 - 124 |      | Recovery = 116.660%  |           |        |          |
| 50) Toluene-d8                | 8.653          | 98   | 554238               | 56.794    | ug/l   | 0.00     |
| Spiked Amount 50.000          | Range 86 - 113 |      | Recovery = 113.580%# |           |        |          |
| 62) 4-Bromofluorobenzene      | 11.085         | 95   | 188518               | 54.695    | ug/l   | 0.00     |
| Spiked Amount 50.000          | Range 83 - 123 |      | Recovery = 109.380%  |           |        |          |
|                               |                |      |                      |           |        |          |
| Target Compounds              |                |      |                      |           |        | Qvalue   |
| 3) Chloromethane              | 1.294          | 50   | 328                  | 0.852     | ug/l # | 42       |
| 5) Bromomethane               | 1.611          | 94   | 440                  | 0.421     | ug/l   | 95       |
| 6) Chloroethane               | 1.691          | 64   | 190                  | 1.847     | ug/l # | 41       |
| 9) 1,1,2-Trichlorotrifluo...  | 2.331          | 101  | 19101                | 7.308     | ug/l   | 95       |
| 10) Methyl Iodide             | 2.453          | 142  | 696                  | 3.168     | ug/l # | 89       |
| 11) Tert butyl alcohol        | 2.940          | 59   | 219                  | Below Cal | #      | 74       |
| 12) 1,1-Dichloroethene        | 2.325          | 96   | 7129                 | 2.824     | ug/l # | 85       |
| 13) Acrolein                  | 2.251          | 56   | 133                  | 0.260     | ug/l # | 72       |
| 15) Acrylonitrile             | 3.081          | 53   | 279                  | 0.213     | ug/l # | 60       |
| 16) Acetone                   | 2.386          | 43   | 1872                 | 1.735     | ug/l # | 79       |
| 17) Carbon Disulfide          | 2.514          | 76   | 2094                 | 0.319     | ug/l # | 92       |
| 20) Methylene Chloride        | 2.794          | 84   | 592                  | Below Cal | #      | 78       |
| 21) trans-1,2-Dichloroethene  | 3.093          | 96   | 801                  | 0.285     | ug/l # | 68       |
| 24) 1,1-Dichloroethane        | 3.617          | 63   | 2239                 | 0.492     | ug/l # | 82       |
| 27) cis-1,2-Dichloroethene    | 4.495          | 96   | 7912                 | 2.513     | ug/l   | 88       |
| 28) Bromochloromethane        | 5.099          | 49   | 294                  | 0.218     | ug/l # | 12       |
| 29) Tetrahydrofuran           | 5.038          | 42   | 579                  | 0.539     | ug/l # | 70       |
| 30) Chloroform                | 5.099          | 83   | 6039                 | 1.210     | ug/l   | 89       |
| 36) 1,1-Dichloropropene       | 5.556          | 75   | 14587                | 3.928     | ug/l # | 44       |
| 38) Carbon Tetrachloride      | 5.678          | 117  | 6087                 | 1.579     | ug/l   | 94       |
| 39) Methylcyclohexane         | 7.141          | 83   | 98357                | 21.368    | ug/l # | 1        |
| 41) Methacrylonitrile         | 5.044          | 41   | 598                  | 0.348     | ug/l # | 28       |
| 42) 1,2-Dichloroethane        | 6.111          | 62   | 1210                 | 0.344     | ug/l # | 73       |
| 44) Trichloroethene           | 7.141          | 130  | 8553914              | 2534.432  | ug/l   | 99       |
| 47) Bromodichloromethane      | 7.830          | 83   | 883                  | 0.231     | ug/l # | 79       |
| 49) 1,4-Dioxane               | 7.690          | 88   | 1057                 | 13.649    | ug/l # | 69       |
| 55) 1,1,2-Trichloroethane     | 9.153          | 97   | 3480                 | 1.184     | ug/l   | 93       |
| 60) Dibromochloromethane      | 9.275          | 129  | 8928                 | 2.925     | ug/l # | 11       |
| 64) Tetrachloroethene         | 9.281          | 164  | 9321                 | 2.954     | ug/l   | 85       |
| 76) 1,2,3-Trichloropropane    | 11.085         | 75   | 85979                | 22.069    | ug/l # | 38       |
| 81) trans-1,4-Dichloro-2-b... | 11.085         | 75   | 85979                | 69.359    | ug/l # | 12       |
| 93) 1,2,4-Trichlorobenzene    | 13.597         | 180  | 1736                 | 0.408     | ug/l   | 77       |
| 94) Hexachlorobutadiene       | 13.725         | 225  | 606                  | 0.325     | ug/l   | 85       |
| 95) Naphthalene               | 13.780         | 128  | 3836                 | 0.257     | ug/l   | 98       |
| 96) 1,2,3-Trichlorobenzene    | 13.963         | 180  | 1050                 | 0.235     | ug/l   | 94       |
| -----                         |                |      |                      |           |        |          |

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Acq On : 01 Sep 2022 20:09  
Operator : JC/MD  
Sample : N4281-02  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 18 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
RE122D2-20220818

Quant Time: Sep 02 02:55:59 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X090122W.M  
Quant Title : SW846 8260  
QLast Update : Fri Sep 02 02:49:21 2022  
Response via : Initial Calibration

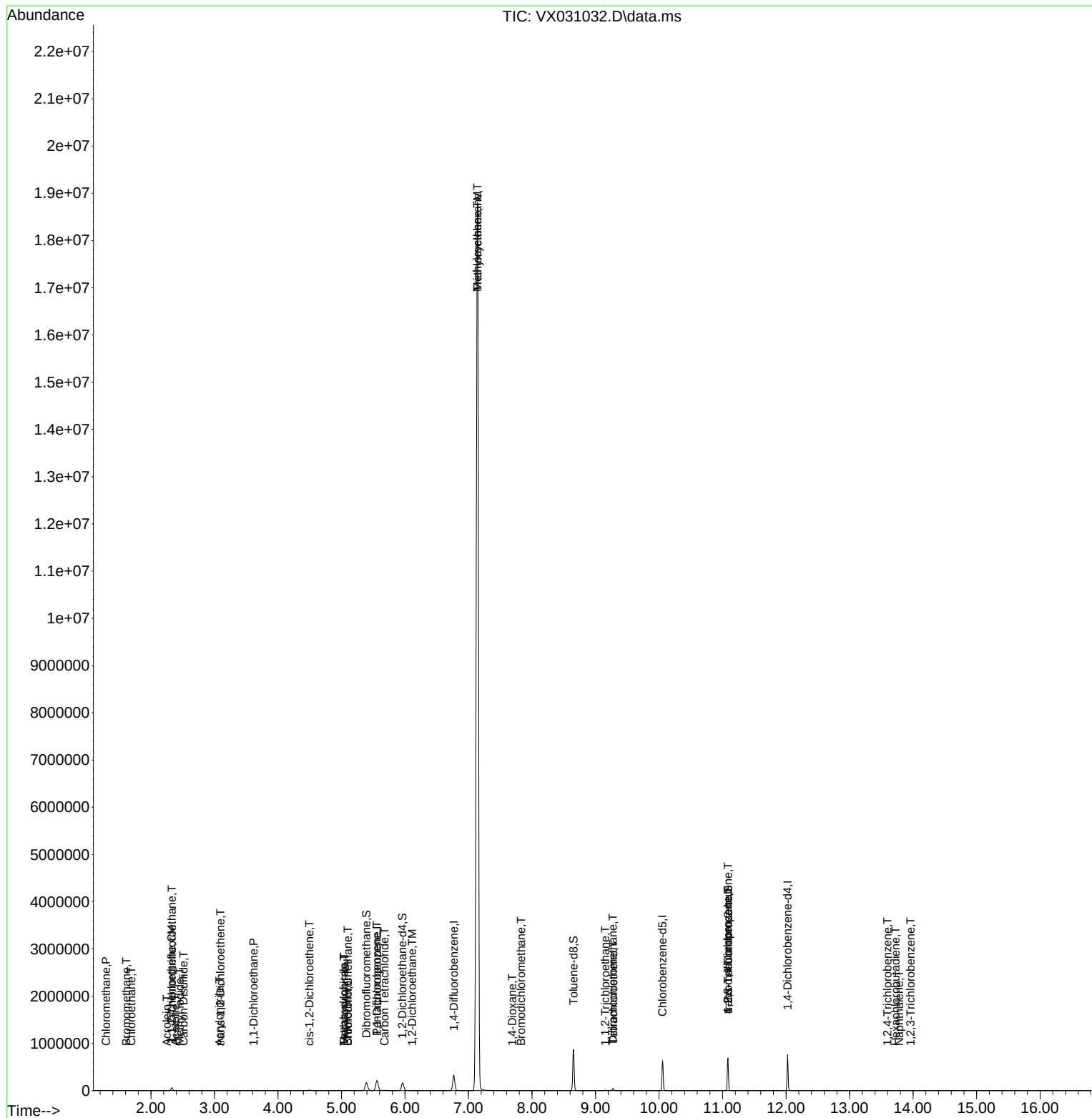
| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------|------|------|----------|------|-------|----------|
|----------|------|------|----------|------|-------|----------|

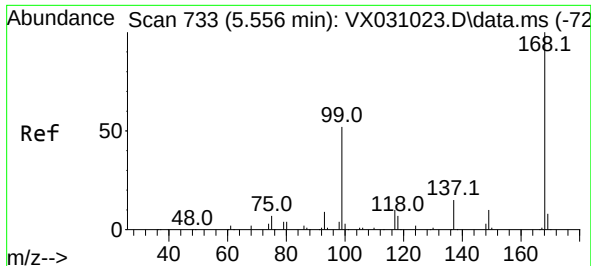
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260  
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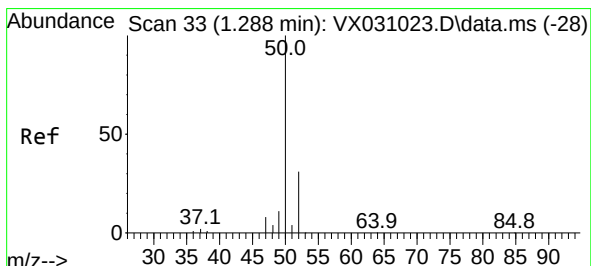
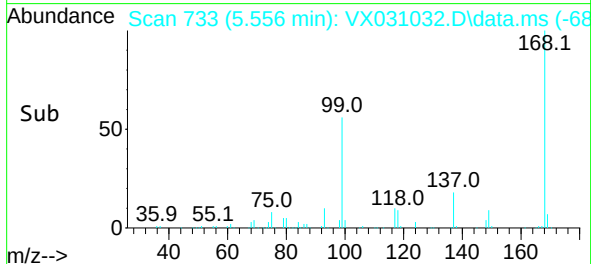
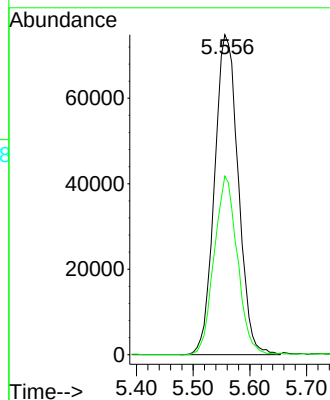
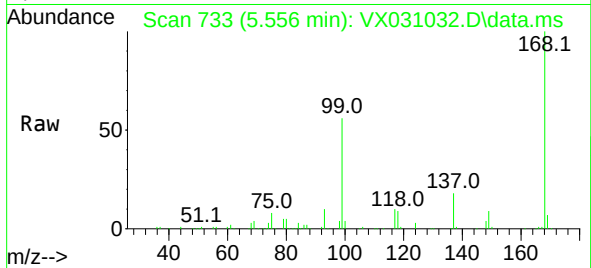




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.556 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: VX031032.D  
Acq: 01 Sep 2022 20:09

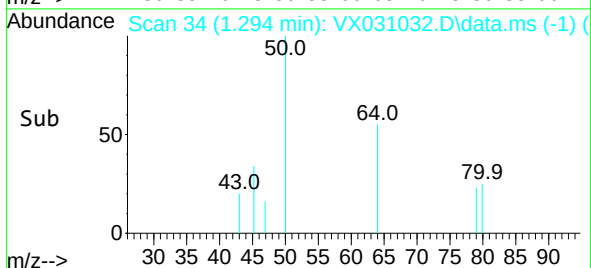
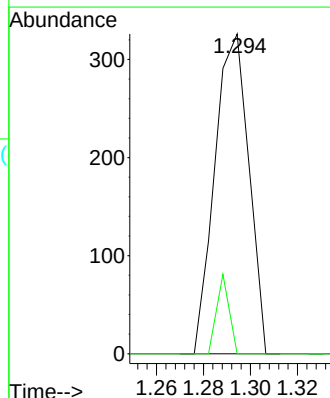
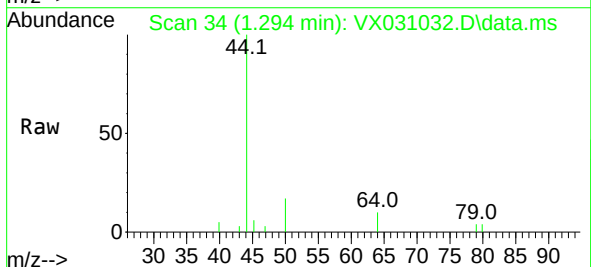
Instrument :  
MSVOA\_X  
ClientSampleId :  
RE122D2-20220818

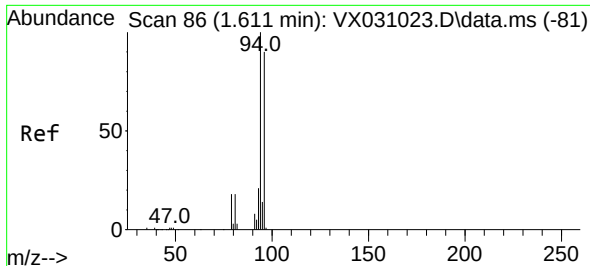
Tgt Ion:168 Resp: 217266  
Ion Ratio Lower Upper  
168 100  
99 55.8 44.0 66.0



#3  
Chloromethane  
Concen: 0.852 ug/l  
RT: 1.294 min Scan# 34  
Delta R.T. 0.006 min  
Lab File: VX031032.D  
Acq: 01 Sep 2022 20:09

Tgt Ion: 50 Resp: 328  
Ion Ratio Lower Upper  
50 100  
52 0.0 26.3 39.5

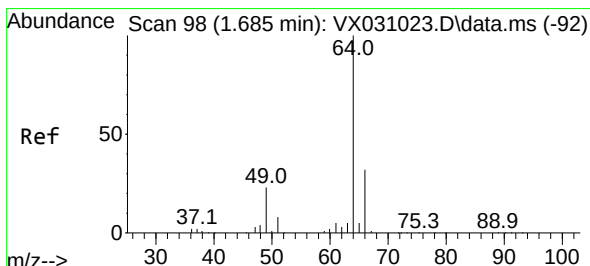
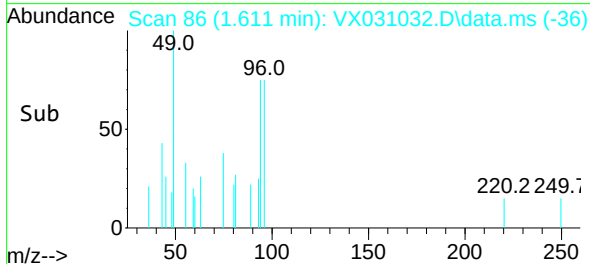
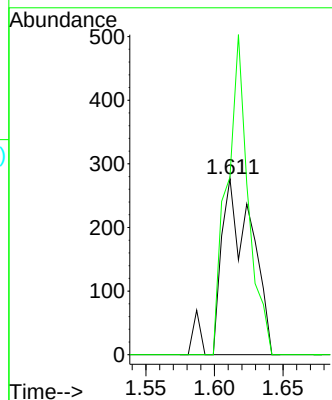
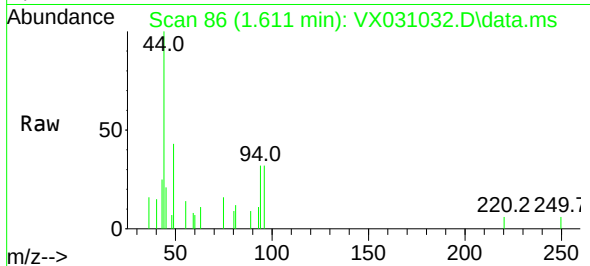




#5  
Bromomethane  
Concen: 0.421 ug/l  
RT: 1.611 min Scan# 80  
Delta R.T. 0.006 min  
Lab File: VX031032.D  
Acq: 01 Sep 2022 20:09

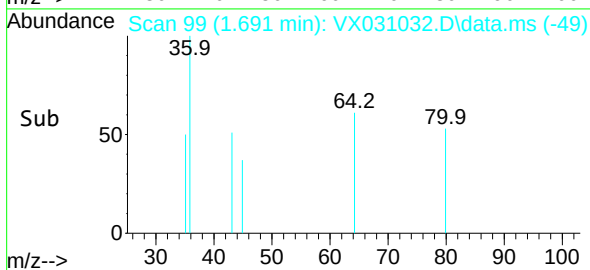
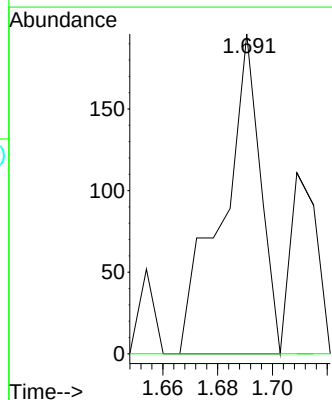
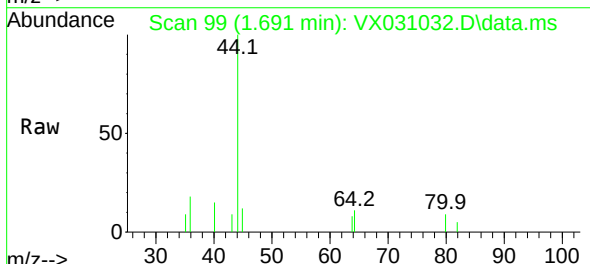
Instrument :  
MSVOA\_X  
ClientSampleId :  
RE122D2-20220818

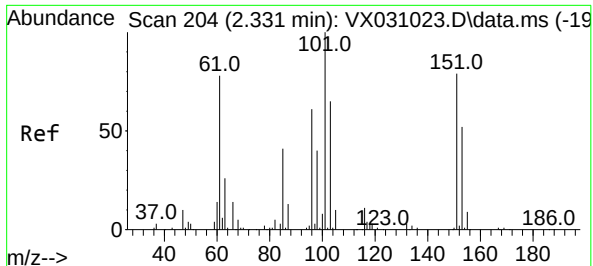
Tgt Ion: 94 Resp: 440  
Ion Ratio Lower Upper  
94 100  
96 100.7 76.9 115.3



#6  
Chloroethane  
Concen: 1.847 ug/l  
RT: 1.691 min Scan# 99  
Delta R.T. 0.006 min  
Lab File: VX031032.D  
Acq: 01 Sep 2022 20:09

Tgt Ion: 64 Resp: 190  
Ion Ratio Lower Upper  
64 100  
66 0.0 27.2 40.8#

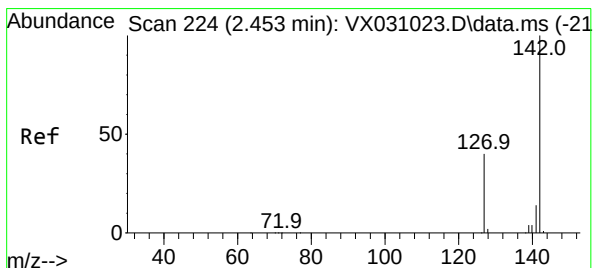
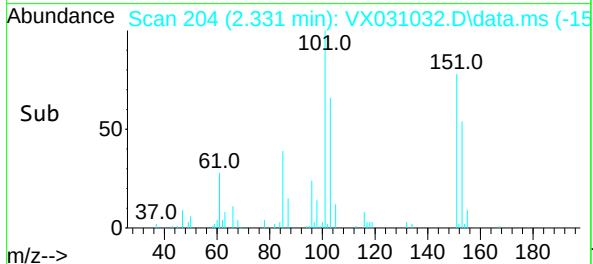
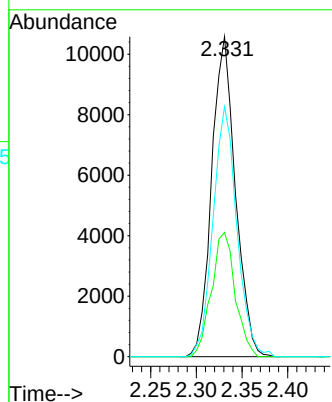
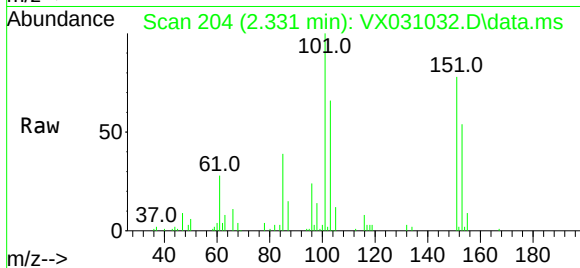




#9  
 1,1,2-Trichlorotrifluoroethane  
 Concen: 7.308 ug/l  
 RT: 2.331 min Scan# 204  
 Delta R.T. 0.006 min  
 Lab File: VX031032.D  
 Acq: 01 Sep 2022 20:09

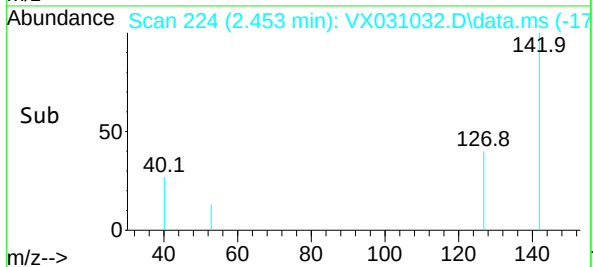
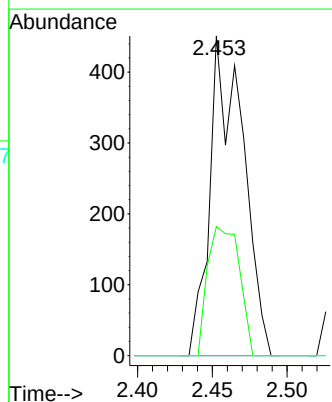
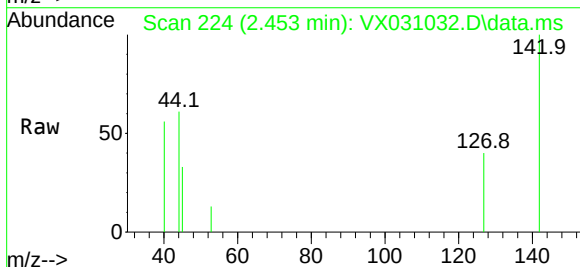
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 RE122D2-20220818

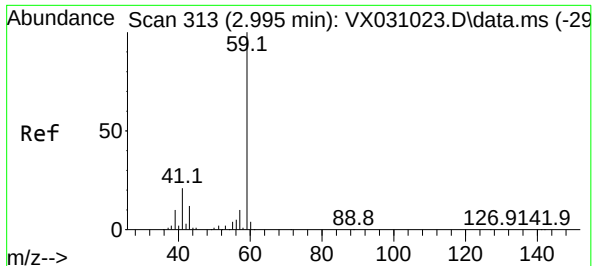
Tgt Ion:101 Resp: 19101  
 Ion Ratio Lower Upper  
 101 100  
 85 38.8 34.0 51.0  
 151 78.7 59.4 89.0



#10  
 Methyl Iodide  
 Concen: 3.168 ug/l  
 RT: 2.453 min Scan# 224  
 Delta R.T. -0.000 min  
 Lab File: VX031032.D  
 Acq: 01 Sep 2022 20:09

Tgt Ion:142 Resp: 696  
 Ion Ratio Lower Upper  
 142 100  
 127 38.6 30.2 45.2  
 141 0.0 11.3 16.9#

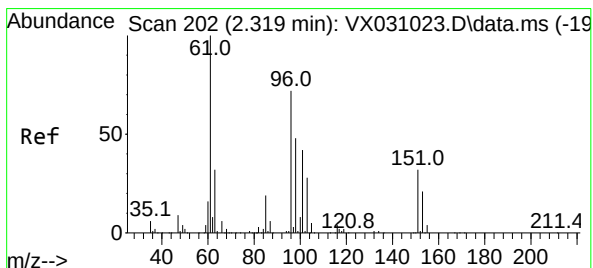
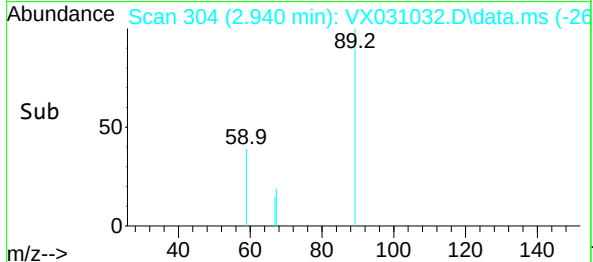
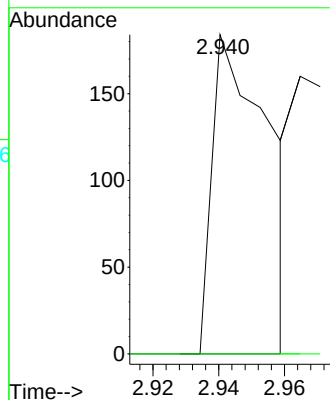
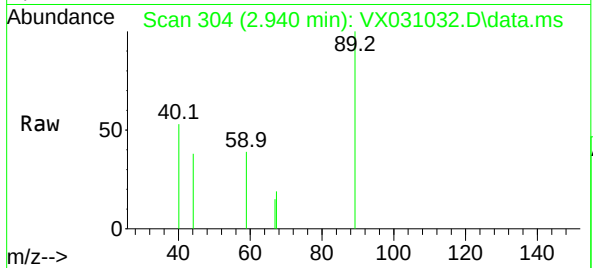




#11  
Tert butyl alcohol  
Concen: Below Cal  
RT: 2.940 min Scan# 304  
Delta R.T. -0.049 min  
Lab File: VX031032.D  
Acq: 01 Sep 2022 20:09

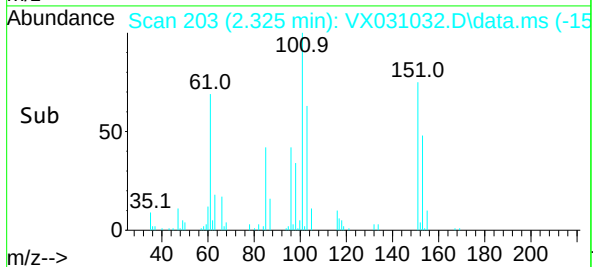
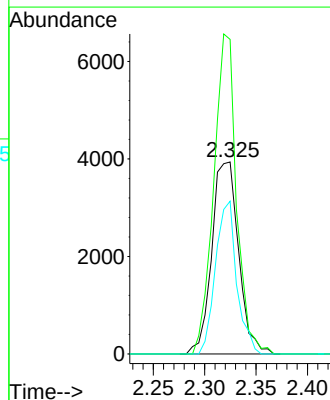
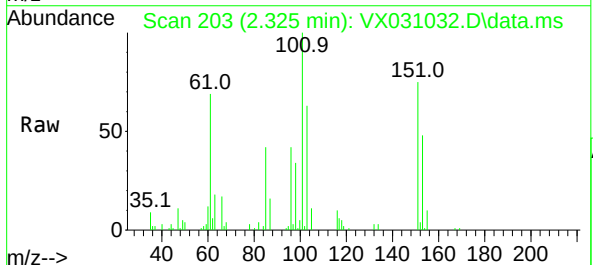
Instrument :  
MSVOA\_X  
ClientSampleId :  
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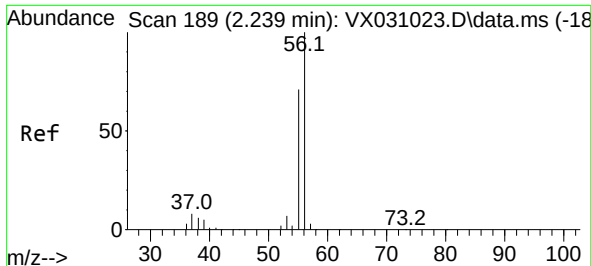
Tgt Ion: 59 Resp: 219  
Ion Ratio Lower Upper  
59 100  
57 0.0 7.4 11.2#



#12  
1,1-Dichloroethene  
Concen: 2.824 ug/l  
RT: 2.325 min Scan# 203  
Delta R.T. 0.006 min  
Lab File: VX031032.D  
Acq: 01 Sep 2022 20:09

Tgt Ion: 96 Resp: 7129  
Ion Ratio Lower Upper  
96 100  
61 163.9 117.4 176.0  
98 79.6 52.2 78.4#





#13

Acrolein

Concen: 0.260 ug/l

RT: 2.251 min Scan# 191

Delta R.T. 0.012 min

Lab File: VX031032.D

Acq: 01 Sep 2022 20:09

Instrument :

MSVOA\_X

ClientSampleId :

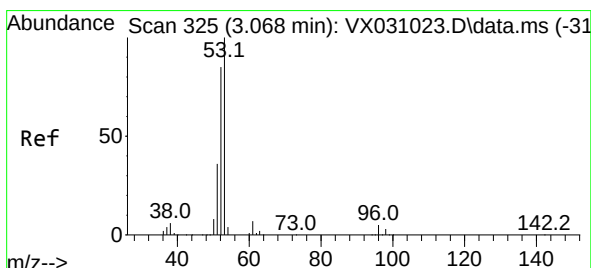
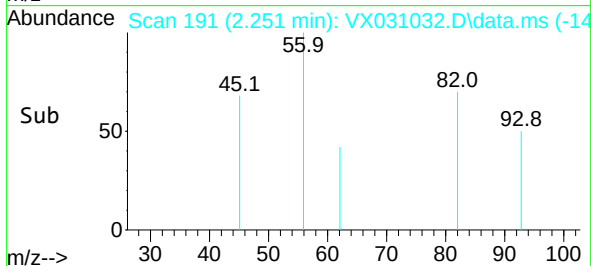
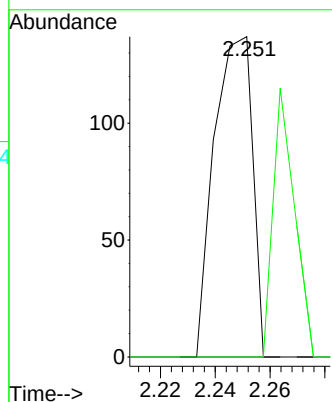
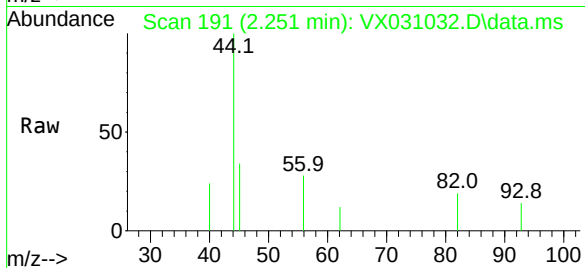
RE122D2-20220818

Tgt Ion: 56 Resp: 133

Ion Ratio Lower Upper

56 100

55 47.4 56.6 84.8#



#15

Acrylonitrile

Concen: 0.213 ug/l

RT: 3.081 min Scan# 327

Delta R.T. 0.012 min

Lab File: VX031032.D

Acq: 01 Sep 2022 20:09

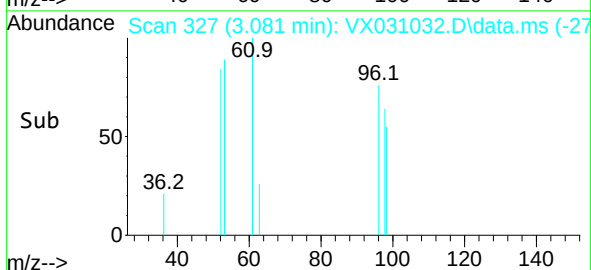
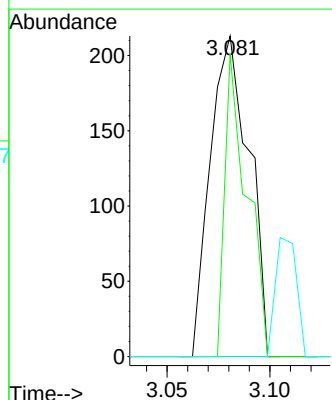
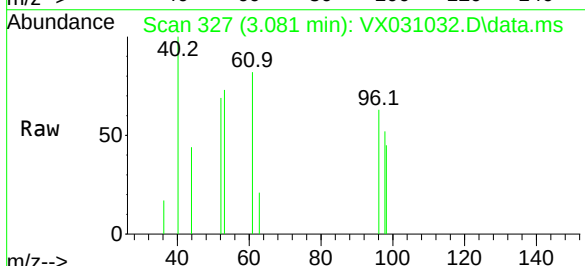
Tgt Ion: 53 Resp: 279

Ion Ratio Lower Upper

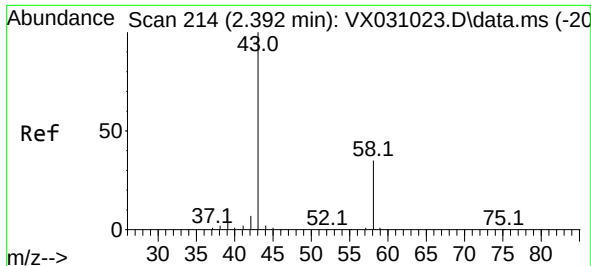
53 100

52 53.8 65.4 98.0#

51 0.0 27.7 41.5#



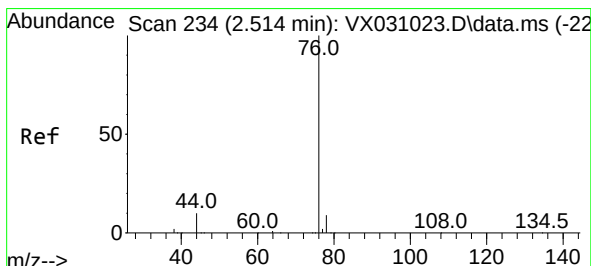
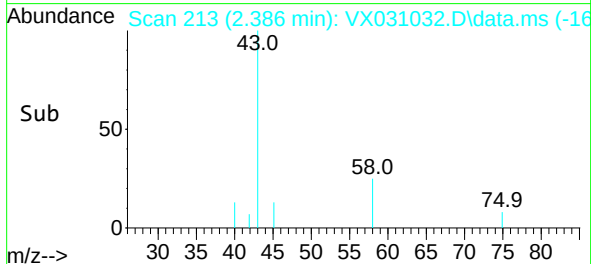
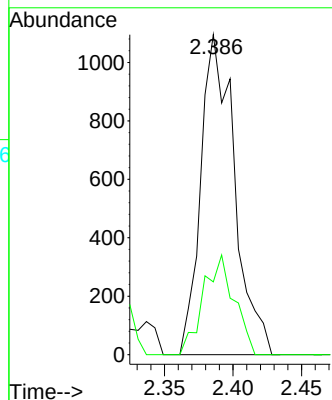
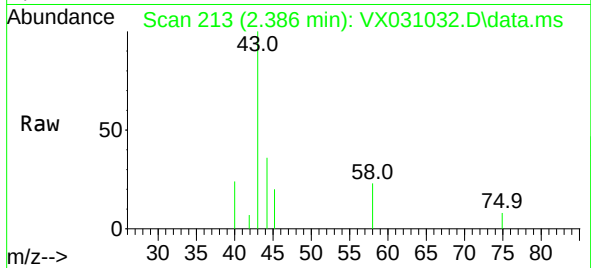




#16  
Acetone  
Concen: 1.735 ug/l  
RT: 2.386 min Scan# 214  
Delta R.T. -0.000 min  
Lab File: VX031032.D  
Acq: 01 Sep 2022 20:09

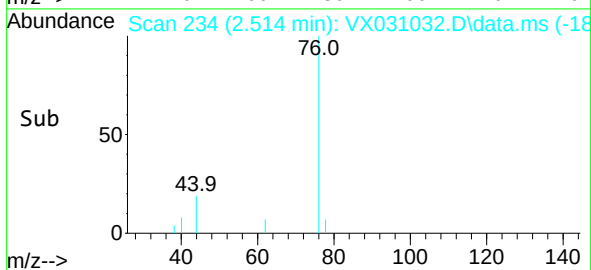
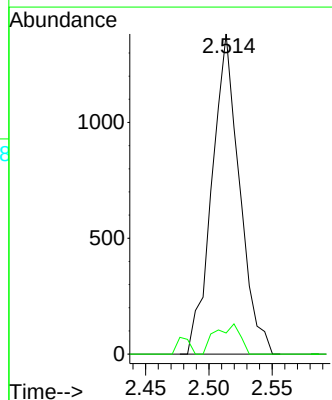
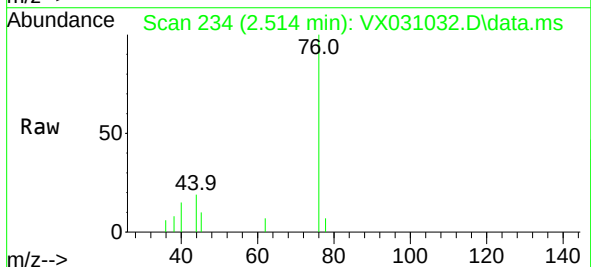
Instrument :  
MSVOA\_X  
ClientSampleId :  
RE122D2-20220818

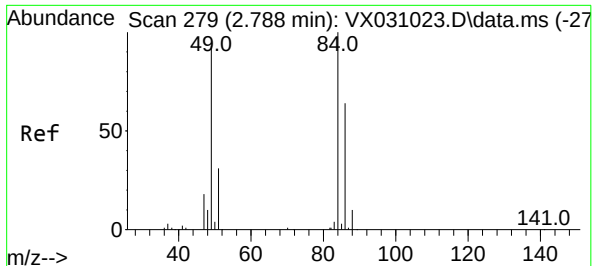
Tgt Ion: 43 Resp: 1872  
Ion Ratio Lower Upper  
43 100  
58 22.7 27.7 41.5#



#17  
Carbon Disulfide  
Concen: 0.319 ug/l  
RT: 2.514 min Scan# 234  
Delta R.T. -0.000 min  
Lab File: VX031032.D  
Acq: 01 Sep 2022 20:09

Tgt Ion: 76 Resp: 2094  
Ion Ratio Lower Upper  
76 100  
78 6.6 7.8 11.6#

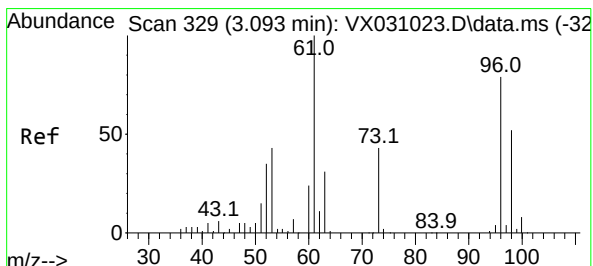
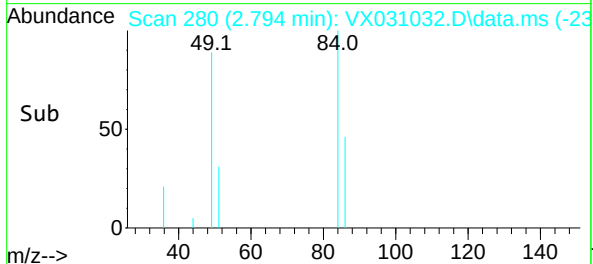
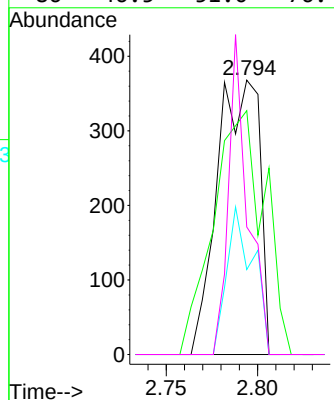
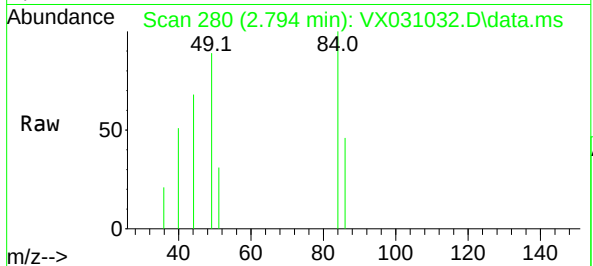




#20  
Methylene Chloride  
Concen: Below Cal  
RT: 2.794 min Scan# 21  
Delta R.T. 0.006 min  
Lab File: VX031032.D  
Acq: 01 Sep 2022 20:09

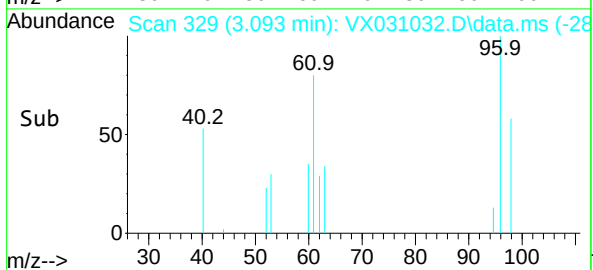
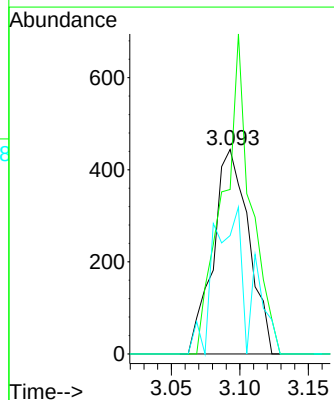
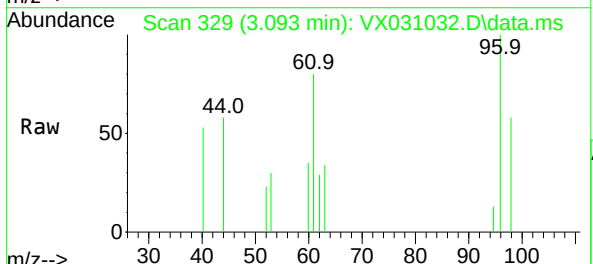
Instrument :  
MSVOA\_X  
ClientSampleId :  
RE122D2-20220818

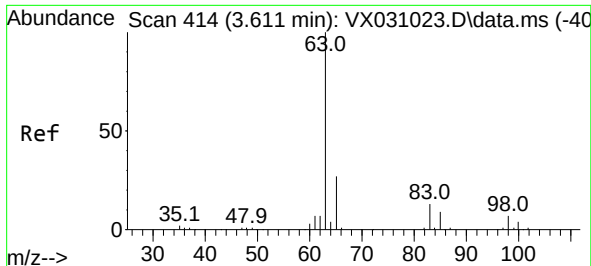
Tgt Ion: 84 Resp: 592  
Ion Ratio Lower Upper  
84 100  
49 88.9 93.8 140.6#  
51 31.0 29.4 44.0  
86 46.5 51.0 76.4#



#21  
trans-1,2-Dichloroethene  
Concen: 0.285 ug/l  
RT: 3.093 min Scan# 329  
Delta R.T. -0.000 min  
Lab File: VX031032.D  
Acq: 01 Sep 2022 20:09

Tgt Ion: 96 Resp: 801  
Ion Ratio Lower Upper  
96 100  
61 80.4 105.6 158.4#  
98 57.9 50.1 75.1

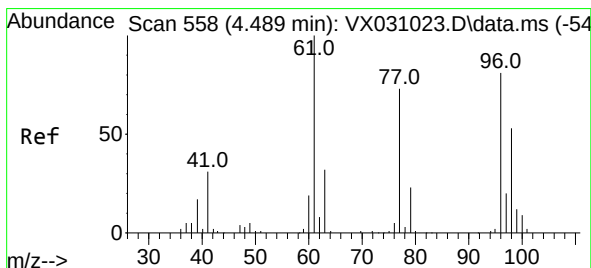
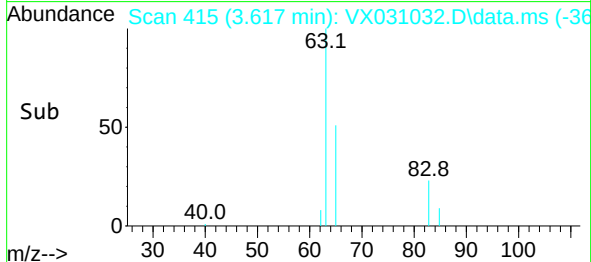
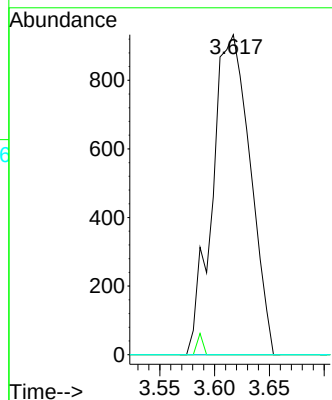
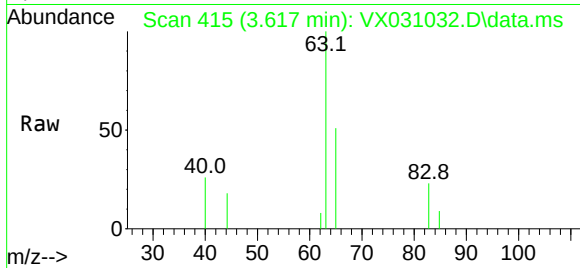




#24  
 1,1-Dichloroethane  
 Concen: 0.492 ug/l  
 RT: 3.617 min Scan# 414  
 Delta R.T. 0.006 min  
 Lab File: VX031032.D  
 Acq: 01 Sep 2022 20:09

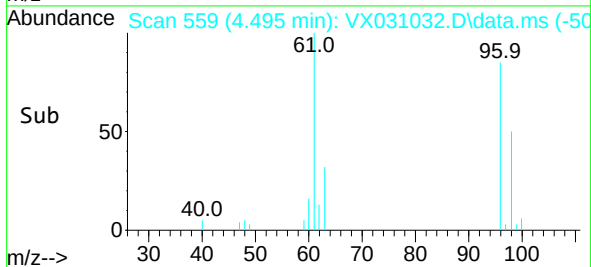
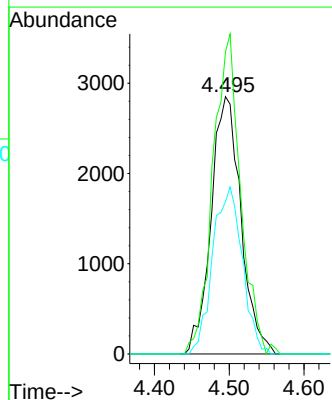
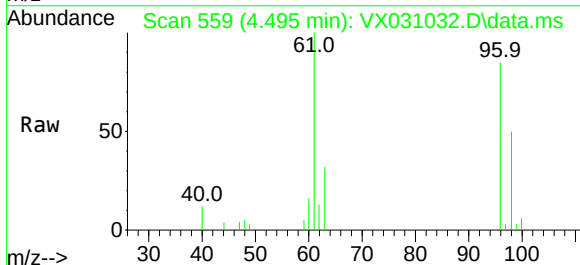
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 RE122D2-20220818

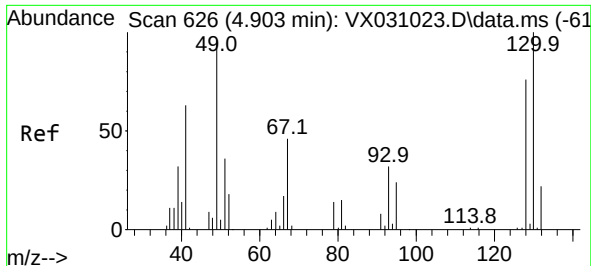
Tgt Ion: 63 Resp: 2239  
 Ion Ratio Lower Upper  
 63 100  
 98 0.0 3.5 10.5#  
 100 0.0 2.3 6.9#



#27  
 cis-1,2-Dichloroethene  
 Concen: 2.513 ug/l  
 RT: 4.495 min Scan# 559  
 Delta R.T. 0.006 min  
 Lab File: VX031032.D  
 Acq: 01 Sep 2022 20:09

Tgt Ion: 96 Resp: 7912  
 Ion Ratio Lower Upper  
 96 100  
 61 114.8 0.0 270.0  
 98 64.3 0.0 127.8

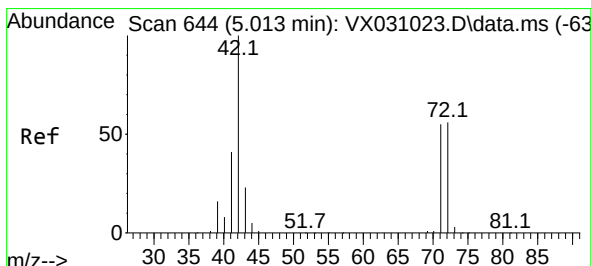
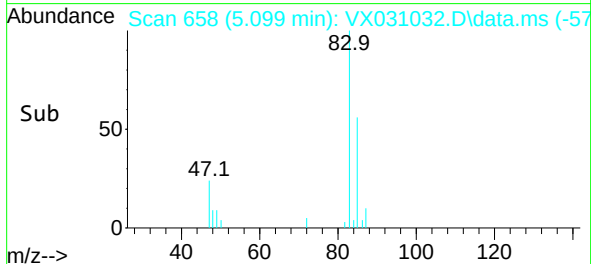
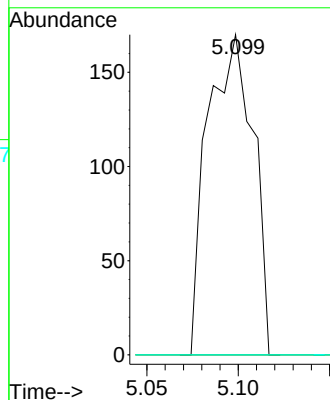
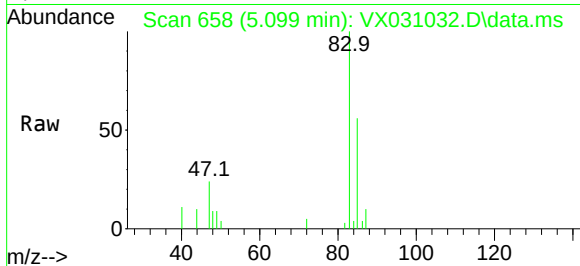




#28  
Bromochloromethane  
Concen: 0.218 ug/l  
RT: 5.099 min Scan# 61  
Delta R.T. 0.195 min  
Lab File: VX031032.D  
Acq: 01 Sep 2022 20:09

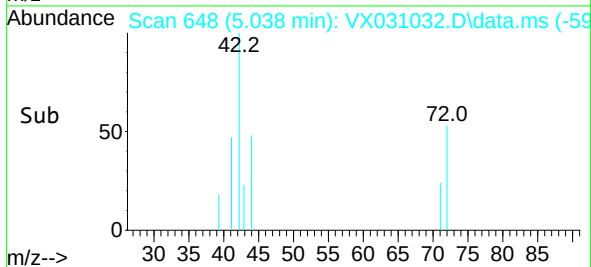
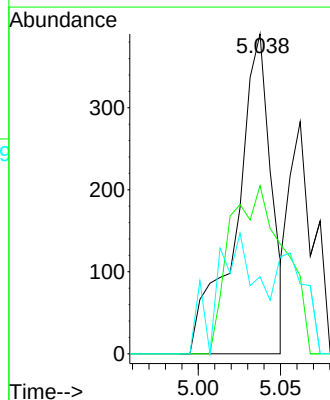
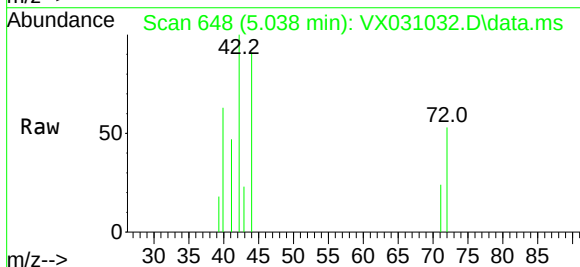
Instrument :  
MSVOA\_X  
ClientSampleId :  
RE122D2-20220818

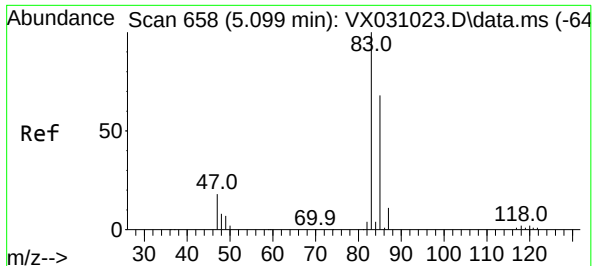
Tgt Ion: 49 Resp: 294  
Ion Ratio Lower Upper  
49 100  
129 0.0 0.0 4.4  
130 0.0 62.8 94.2#



#29  
Tetrahydrofuran  
Concen: 0.539 ug/l  
RT: 5.038 min Scan# 648  
Delta R.T. 0.025 min  
Lab File: VX031032.D  
Acq: 01 Sep 2022 20:09

Tgt Ion: 42 Resp: 579  
Ion Ratio Lower Upper  
42 100  
72 81.3 36.5 54.7#  
71 44.6 33.9 50.9





#30

Chloroform

Concen: 1.210 ug/l

RT: 5.099 min Scan# 61

Delta R.T. -0.000 min

Lab File: VX031032.D

Acq: 01 Sep 2022 20:09

Instrument :

MSVOA\_X

ClientSampleId :

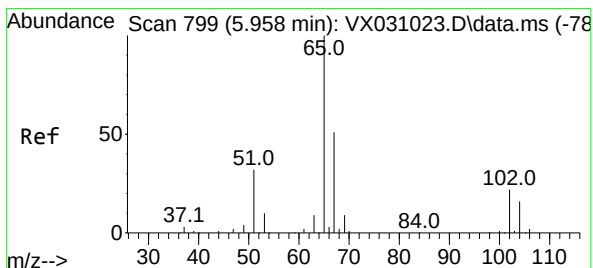
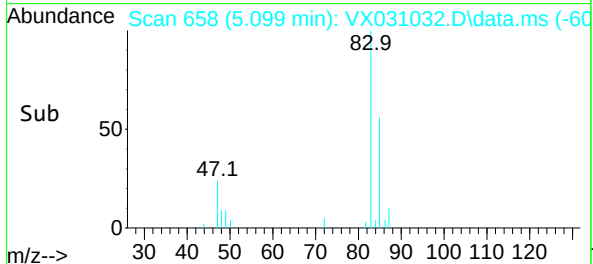
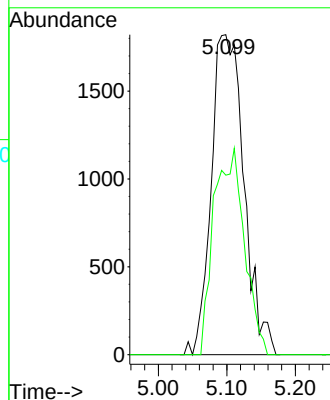
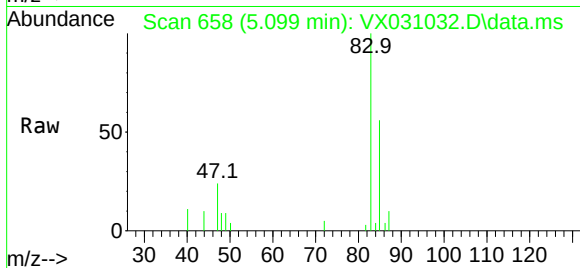
RE122D2-20220818

Tgt Ion: 83 Resp: 6039

Ion Ratio Lower Upper

83 100

85 56.1 51.5 77.3



#33

1,2-Dichloroethane-d4

Concen: 56.532 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX031032.D

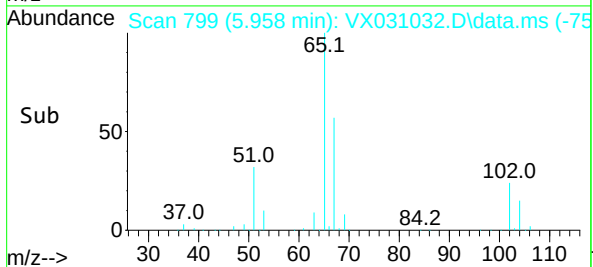
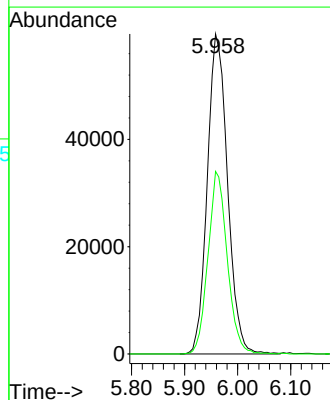
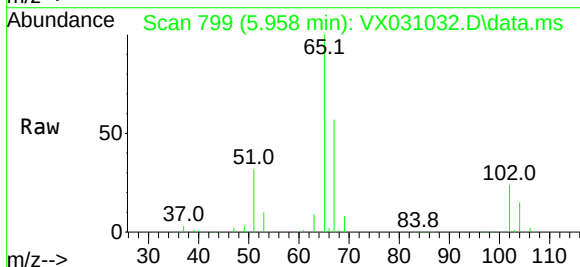
Acq: 01 Sep 2022 20:09

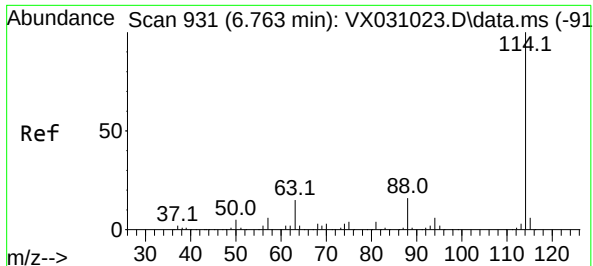
Tgt Ion: 65 Resp: 158037

Ion Ratio Lower Upper

65 100

67 54.4 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 91

Delta R.T. -0.000 min

Lab File: VX031032.D

Acq: 01 Sep 2022 20:09

Instrument :

MSVOA\_X

ClientSampleId :

RE122D2-20220818

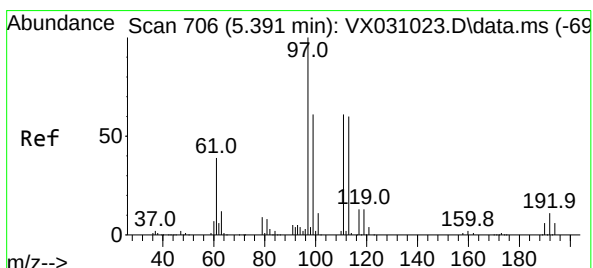
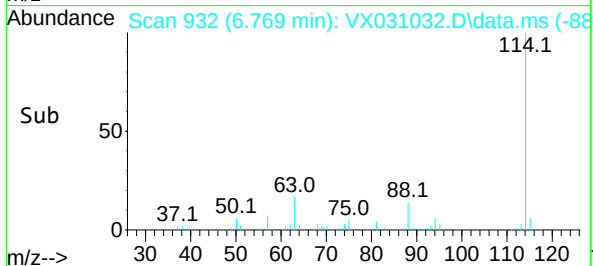
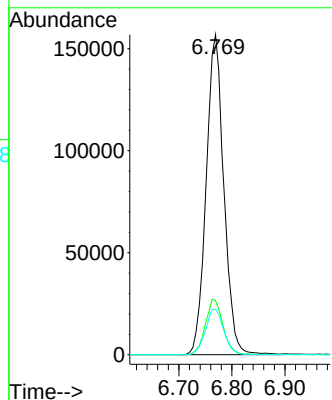
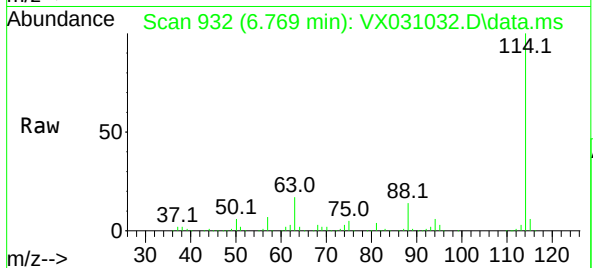
Tgt Ion:114 Resp: 363343

Ion Ratio Lower Upper

114 100

63 16.9 0.0 38.4

88 14.2 0.0 31.8



#35

Dibromofluoromethane

Concen: 58.331 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX031032.D

Acq: 01 Sep 2022 20:09

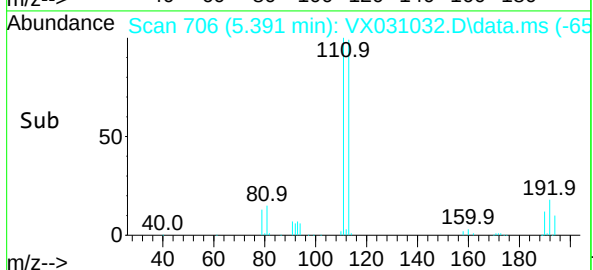
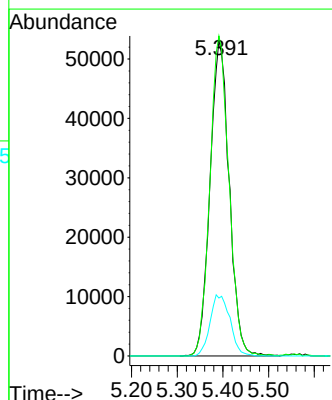
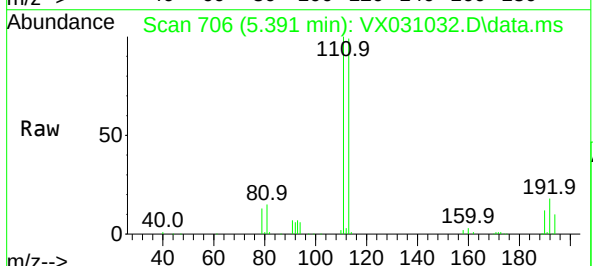
Tgt Ion:113 Resp: 154668

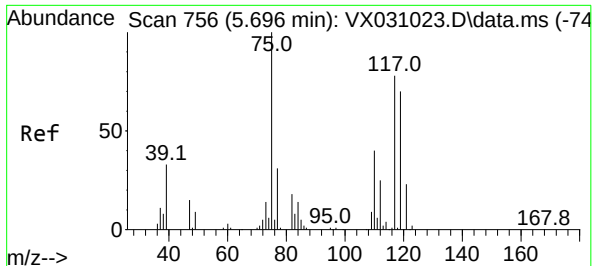
Ion Ratio Lower Upper

113 100

111 100.8 83.2 124.8

192 20.1 14.8 22.2





#36

1,1-Dichloropropene

Concen: 3.928 ug/l

RT: 5.556 min Scan# 71

Delta R.T. -0.140 min

Lab File: VX031032.D

Acq: 01 Sep 2022 20:09

Instrument :

MSVOA\_X

ClientSampleId :

RE122D2-20220818

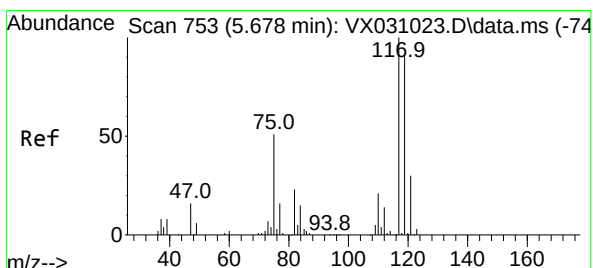
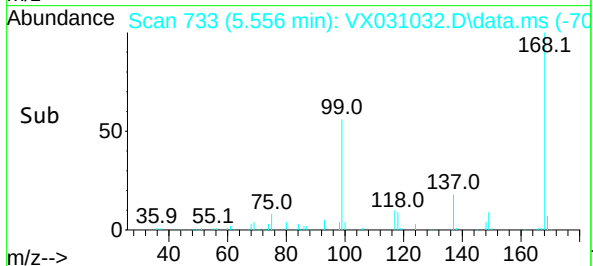
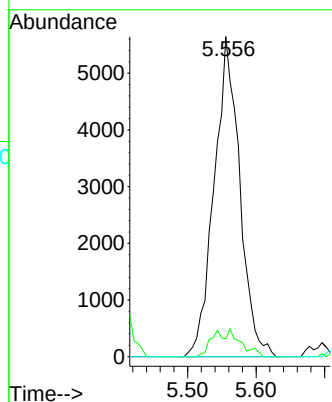
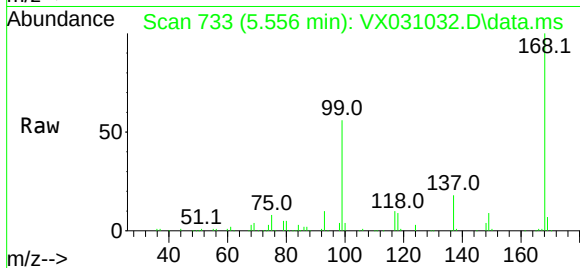
Tgt Ion: 75 Resp: 14587

Ion Ratio Lower Upper

75 100

110 4.7 19.3 57.9#

77 0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 1.579 ug/l

RT: 5.678 min Scan# 753

Delta R.T. -0.006 min

Lab File: VX031032.D

Acq: 01 Sep 2022 20:09

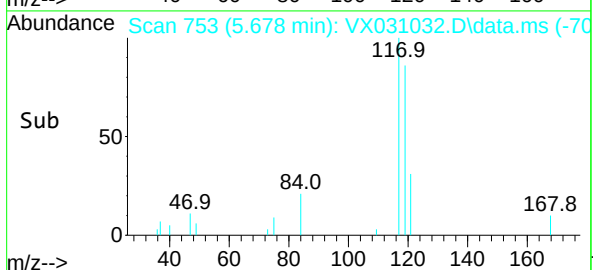
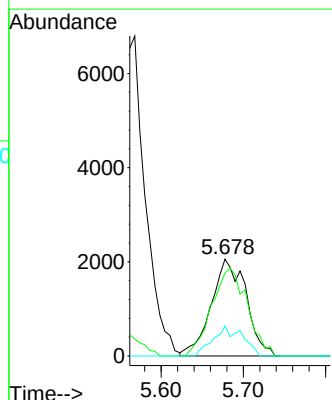
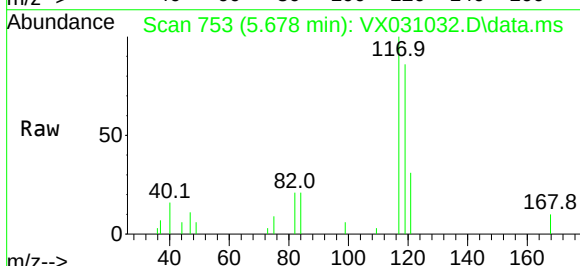
Tgt Ion: 117 Resp: 6087

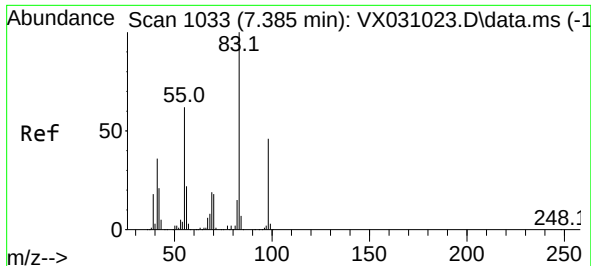
Ion Ratio Lower Upper

117 100

119 85.8 74.1 111.1

121 30.9 25.8 38.8





#39

Methylcyclohexane

Concen: 21.368 ug/l

RT: 7.141 min Scan# 91

Delta R.T. -0.244 min

Lab File: VX031032.D

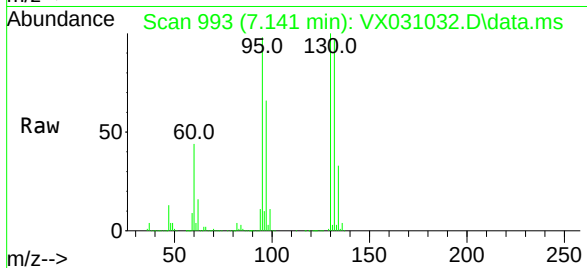
Acq: 01 Sep 2022 20:09

Instrument :

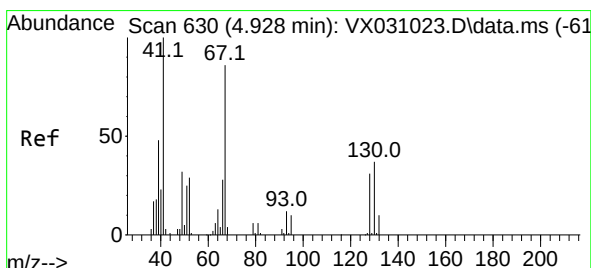
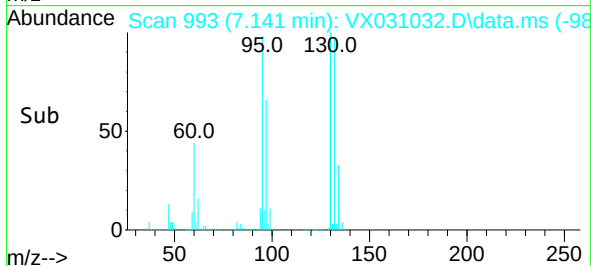
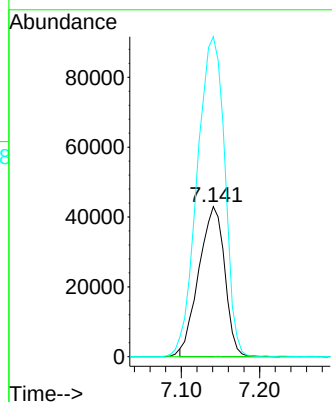
MSVOA\_X

ClientSampleId :

RE122D2-20220818



| Tgt Ion: | 83    | Resp: | 98357 |
|----------|-------|-------|-------|
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 55       | 0.0   | 57.7  | 86.5# |
| 98       | 213.2 | 36.5  | 54.7# |



#41

Methacrylonitrile

Concen: 0.348 ug/l

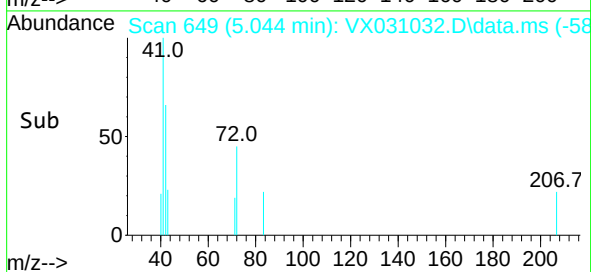
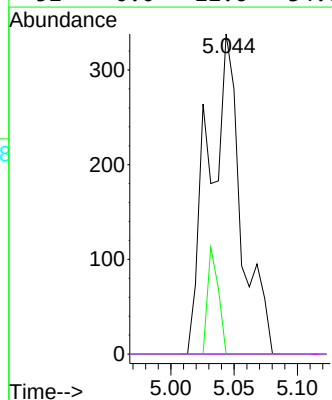
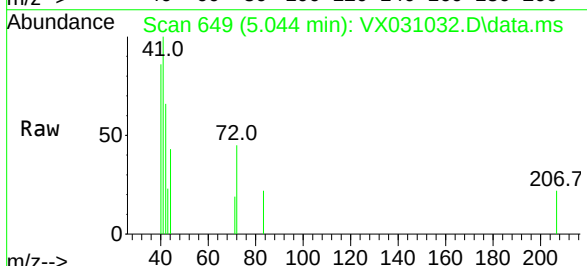
RT: 5.044 min Scan# 649

Delta R.T. 0.116 min

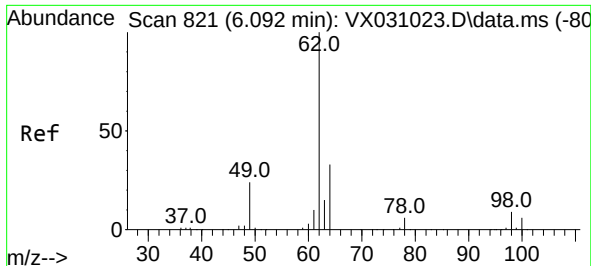
Lab File: VX031032.D

Acq: 01 Sep 2022 20:09

| Tgt Ion: | 41    | Resp: | 598   |
|----------|-------|-------|-------|
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 11.2  | 42.9  | 64.3# |
| 67       | 0.0   | 60.1  | 90.1# |
| 52       | 0.0   | 22.6  | 34.0# |







#42

1,2-Dichloroethane

Concen: 0.344 ug/l

RT: 6.111 min Scan# 81

Delta R.T. 0.019 min

Lab File: VX031032.D

Acq: 01 Sep 2022 20:09

Instrument :

MSVOA\_X

ClientSampleId :

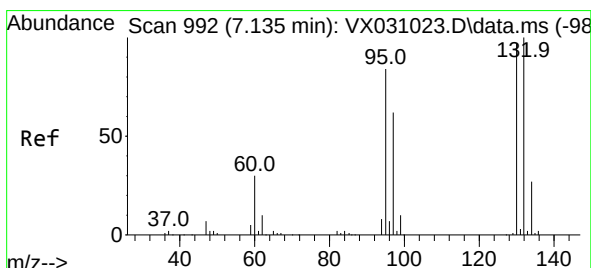
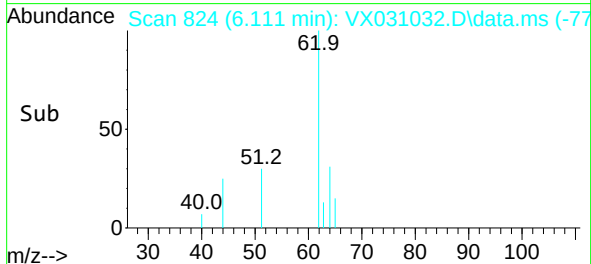
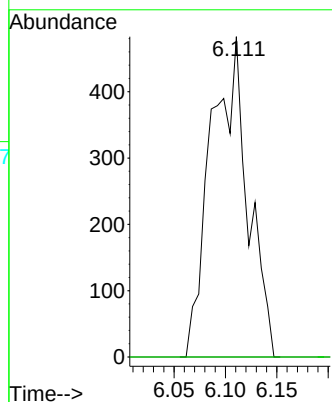
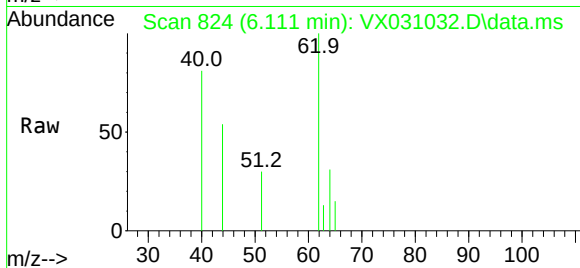
RE122D2-20220818

Tgt Ion: 62 Resp: 1210

Ion Ratio Lower Upper

62 100

98 0.0 0.0 20.2



#44

Trichloroethene

Concen: 2534.432 ug/l

RT: 7.141 min Scan# 993

Delta R.T. 0.012 min

Lab File: VX031032.D

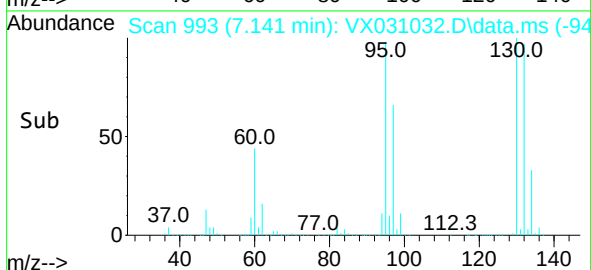
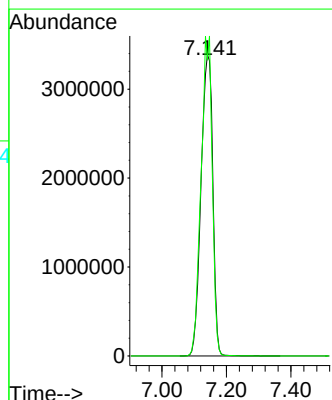
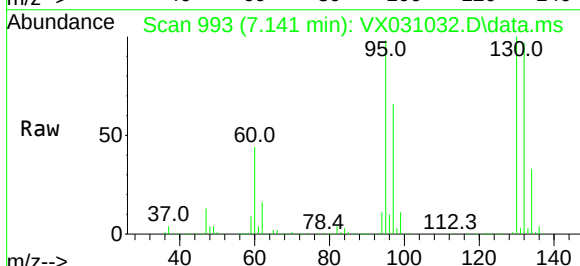
Acq: 01 Sep 2022 20:09

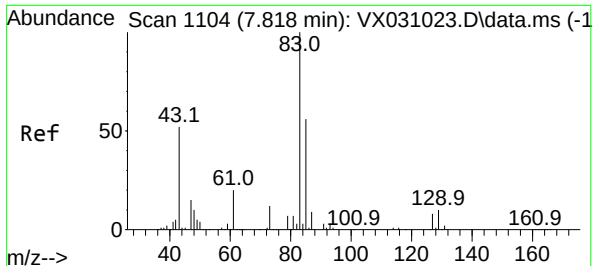
Tgt Ion:130 Resp: 8553914

Ion Ratio Lower Upper

130 100

95 98.1 0.0 194.8





#47

Bromodichloromethane

Concen: 0.231 ug/l

RT: 7.830 min Scan# 1104

Delta R.T. 0.006 min

Lab File: VX031032.D

Acq: 01 Sep 2022 20:09

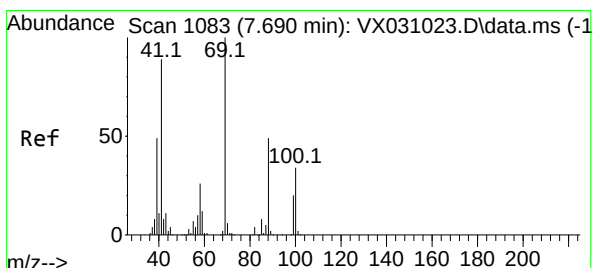
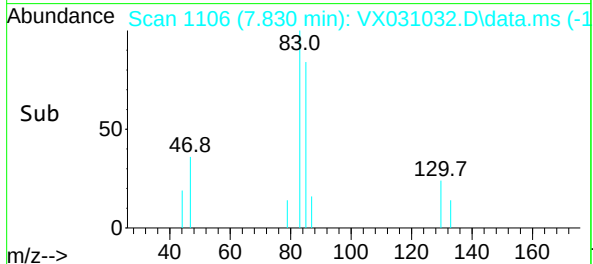
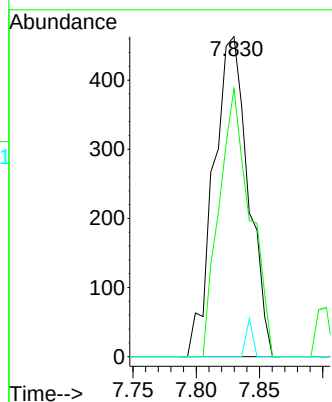
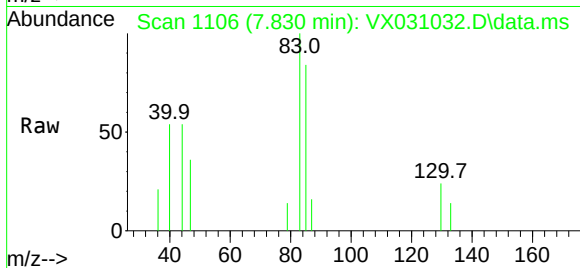
Instrument :

MSVOA\_X

ClientSampleId :

RE122D2-20220818

|             |       |             |
|-------------|-------|-------------|
| Tgt Ion: 83 | Resp: | 883         |
| Ion         | Ratio | Lower Upper |
| 83          | 100   |             |
| 85          | 83.8  | 53.5 80.3#  |
| 127         | 0.0   | 6.6 10.0#   |



#49

1,4-Dioxane

Concen: 13.649 ug/l

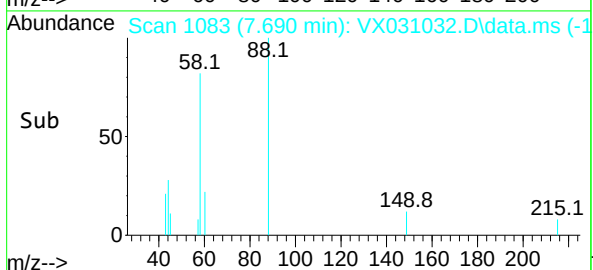
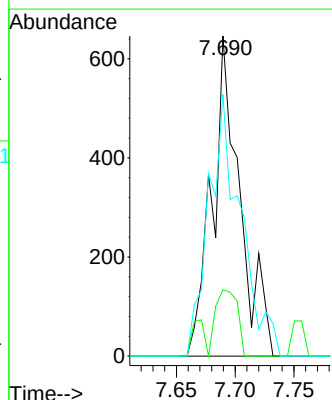
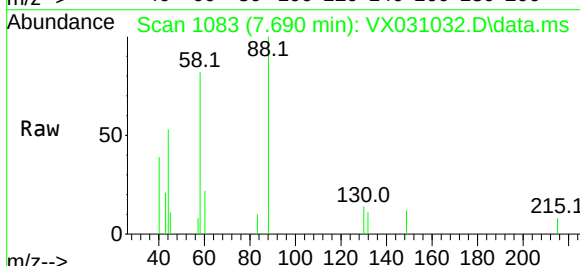
RT: 7.690 min Scan# 1083

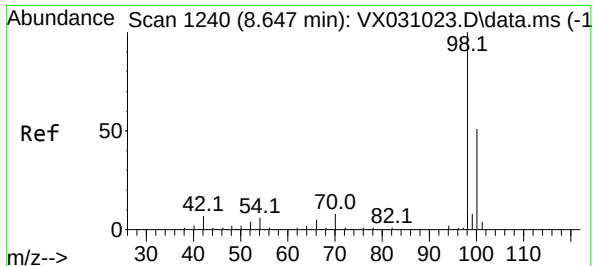
Delta R.T. 0.013 min

Lab File: VX031032.D

Acq: 01 Sep 2022 20:09

|             |       |             |
|-------------|-------|-------------|
| Tgt Ion: 88 | Resp: | 1057        |
| Ion         | Ratio | Lower Upper |
| 88          | 100   |             |
| 43          | 16.5  | 23.8 35.8#  |
| 58          | 94.5  | 53.8 80.6#  |

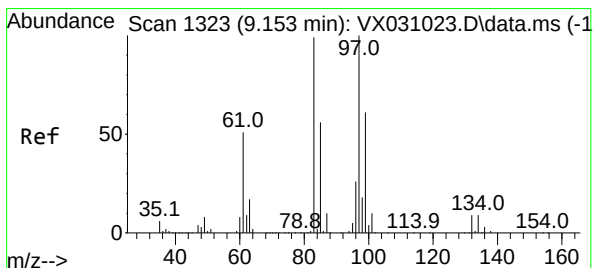
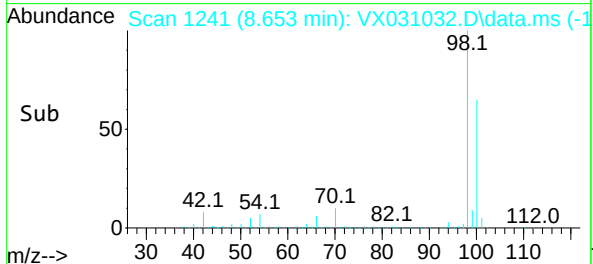
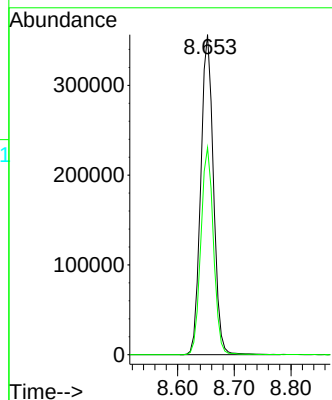
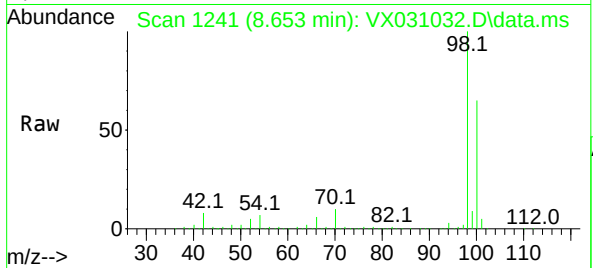




#50  
Toluene-d8  
Concen: 56.794 ug/l  
RT: 8.653 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VX031032.D  
Acq: 01 Sep 2022 20:09

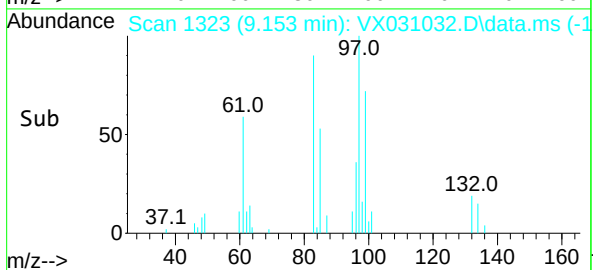
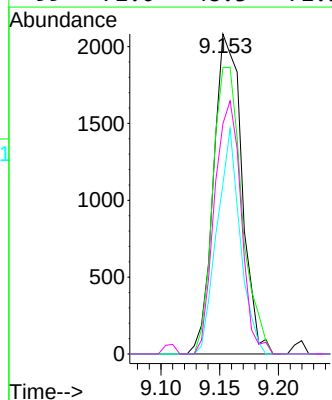
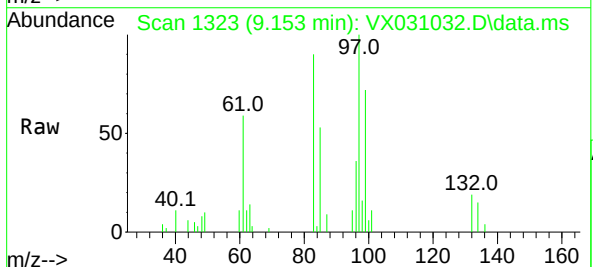
Instrument :  
MSVOA\_X  
ClientSampleId :  
RE122D2-20220818

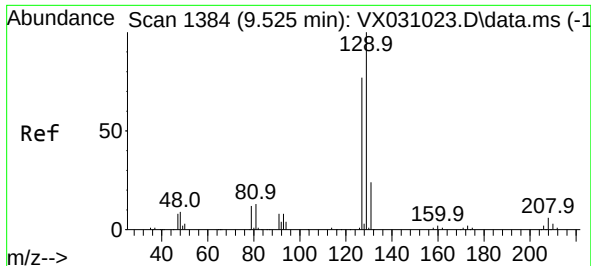
Tgt Ion: 98 Resp: 554238  
Ion Ratio Lower Upper  
98 100  
100 64.5 52.3 78.5



#55  
1,1,2-Trichloroethane  
Concen: 1.184 ug/l  
RT: 9.153 min Scan# 1323  
Delta R.T. -0.000 min  
Lab File: VX031032.D  
Acq: 01 Sep 2022 20:09

Tgt Ion: 97 Resp: 3480  
Ion Ratio Lower Upper  
97 100  
83 89.6 68.9 103.3  
85 53.0 44.0 66.0  
99 72.0 48.3 72.5

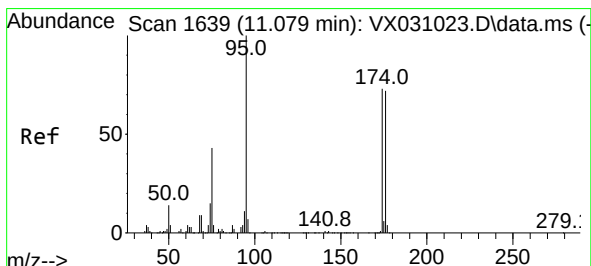
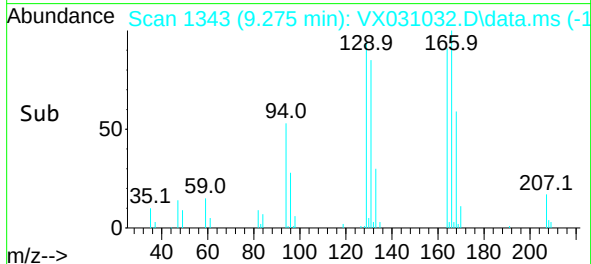
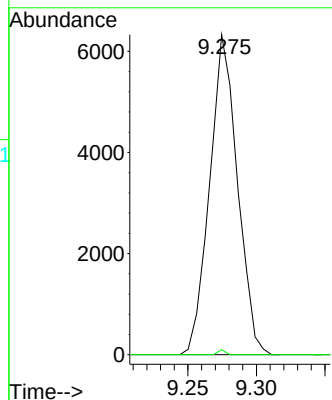
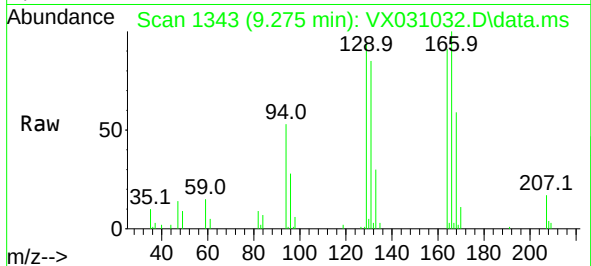




#60  
Dibromochloromethane  
Concen: 2.925 ug/l  
RT: 9.275 min Scan# 11  
Delta R.T. -0.250 min  
Lab File: VX031032.D  
Acq: 01 Sep 2022 20:09

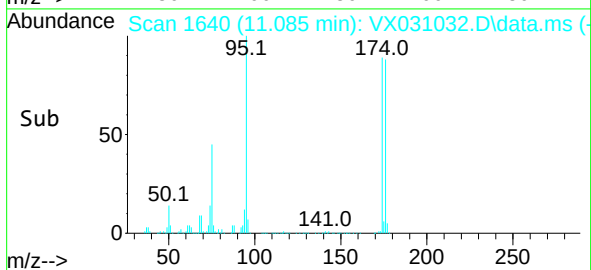
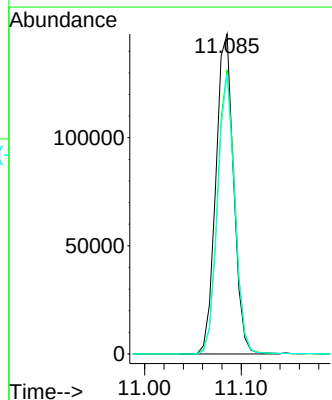
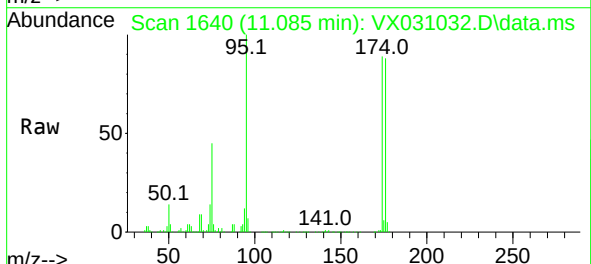
Instrument :  
MSVOA\_X  
ClientSampleId :  
RE122D2-20220818

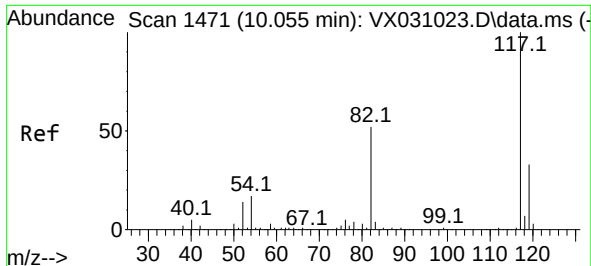
Tgt Ion:129 Resp: 8928  
Ion Ratio Lower Upper  
129 100  
127 0.4 38.5 115.5#



#62  
4-Bromofluorobenzene  
Concen: 54.695 ug/l  
RT: 11.085 min Scan# 1640  
Delta R.T. 0.000 min  
Lab File: VX031032.D  
Acq: 01 Sep 2022 20:09

Tgt Ion: 95 Resp: 188518  
Ion Ratio Lower Upper  
95 100  
174 87.0 0.0 149.0  
176 83.9 0.0 146.0

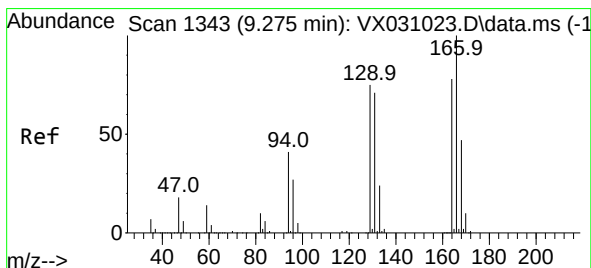
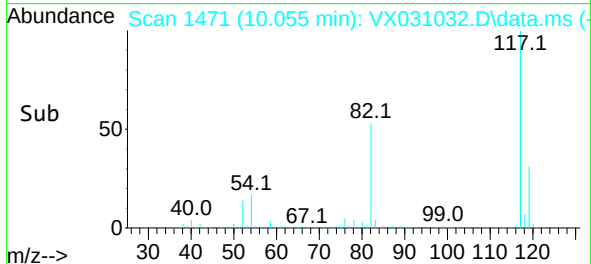
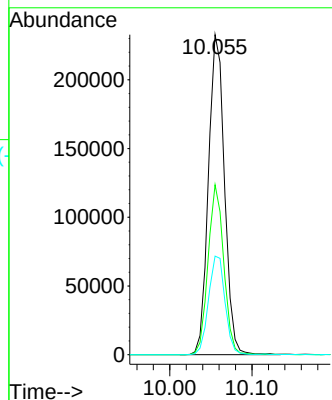
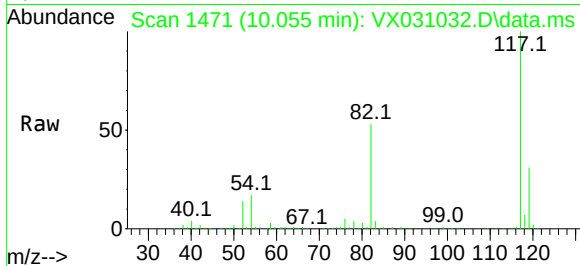




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. -0.000 min  
Lab File: VX031032.D  
Acq: 01 Sep 2022 20:09

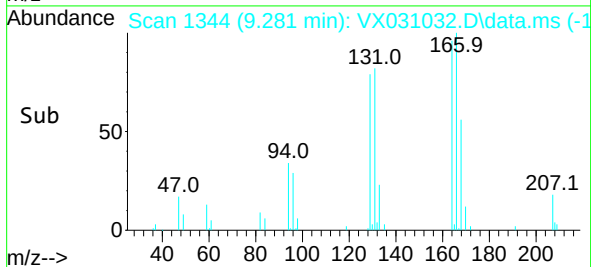
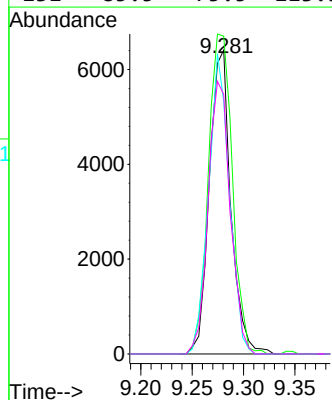
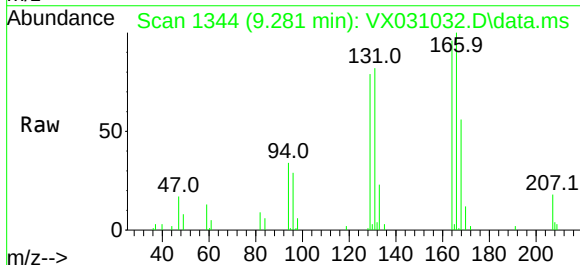
Instrument :  
MSVOA\_X  
ClientSampleId :  
RE122D2-20220818

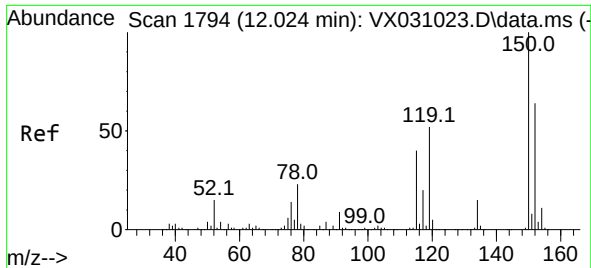
Tgt Ion:117 Resp: 316007  
Ion Ratio Lower Upper  
117 100  
82 53.1 42.7 64.1  
119 30.8 25.4 38.2



#64  
Tetrachloroethene  
Concen: 2.954 ug/l  
RT: 9.281 min Scan# 1344  
Delta R.T. 0.006 min  
Lab File: VX031032.D  
Acq: 01 Sep 2022 20:09

Tgt Ion:164 Resp: 9321  
Ion Ratio Lower Upper  
164 100  
166 104.6 98.2 147.4  
129 83.1 80.8 121.2  
131 85.5 75.5 113.3

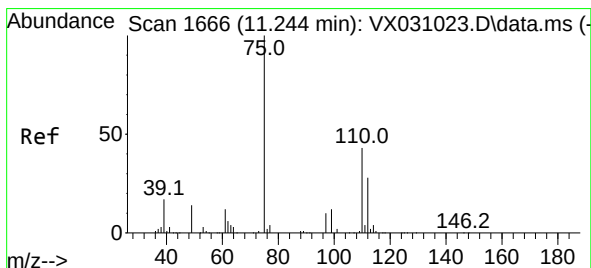
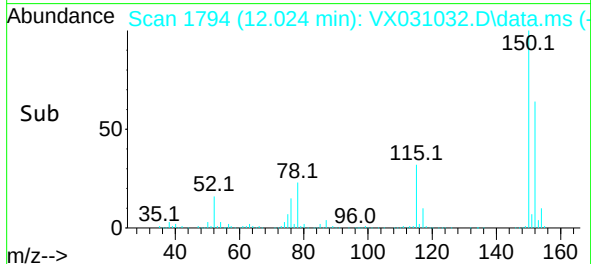
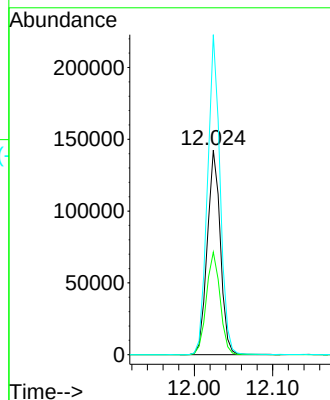
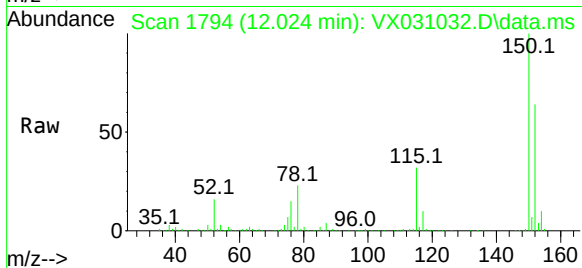




#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.024 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VX031032.D  
Acq: 01 Sep 2022 20:09

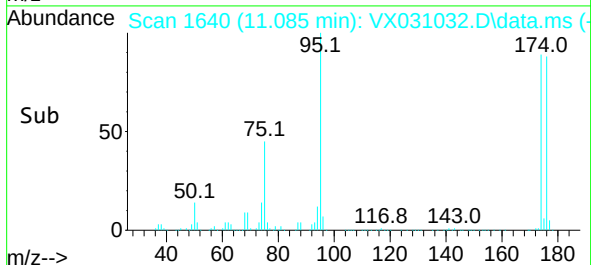
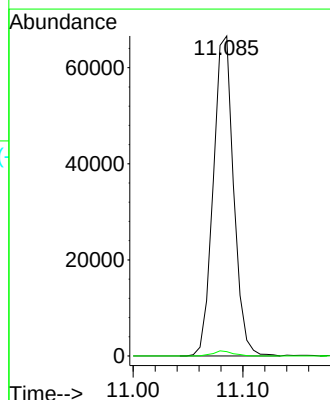
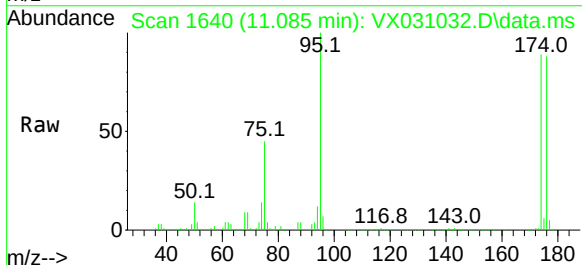
Instrument :  
MSVOA\_X  
ClientSampleId :  
RE122D2-20220818

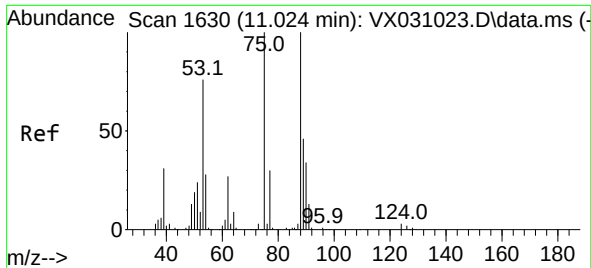
Tgt Ion:152 Resp: 164804  
Ion Ratio Lower Upper  
152 100  
115 52.5 40.5 121.5  
150 150.5 0.0 347.0



#76  
1,2,3-Trichloropropane  
Concen: 22.069 ug/l  
RT: 11.085 min Scan# 1640  
Delta R.T. -0.159 min  
Lab File: VX031032.D  
Acq: 01 Sep 2022 20:09

Tgt Ion: 75 Resp: 85979  
Ion Ratio Lower Upper  
75 100  
77 1.5 19.8 59.3#

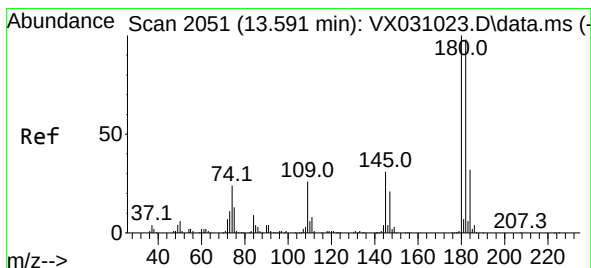
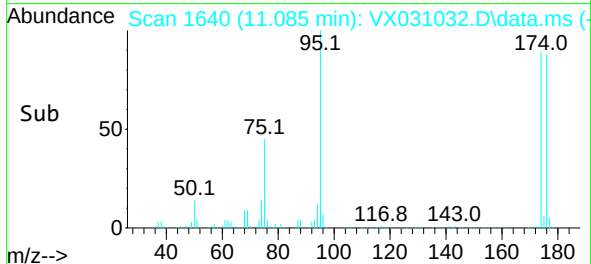
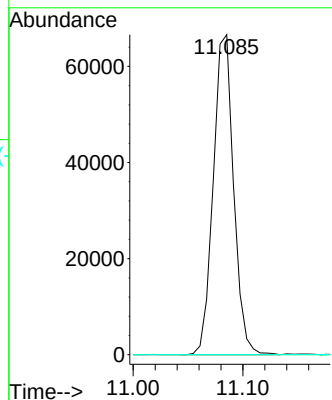
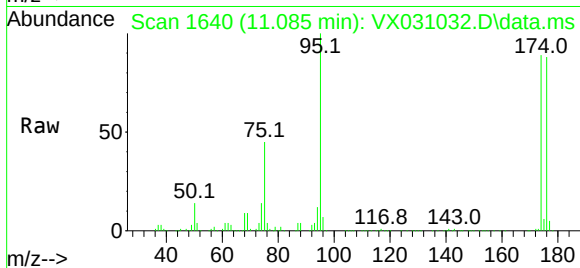




#81  
trans-1,4-Dichloro-2-butene  
Concen: 69.359 ug/l  
RT: 11.085 min Scan# 1  
Delta R.T. 0.061 min  
Lab File: VX031032.D  
Acq: 01 Sep 2022 20:09

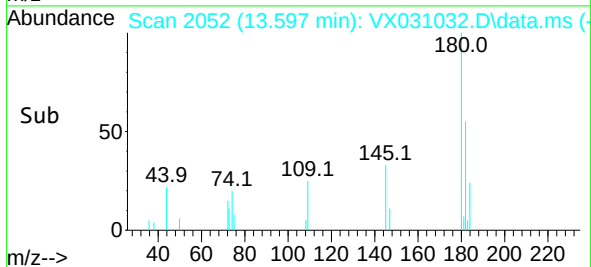
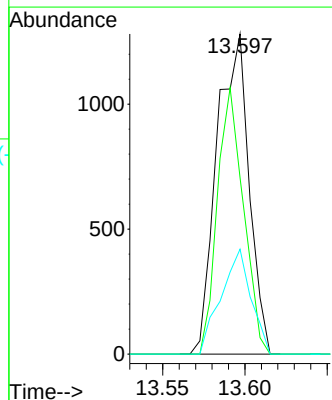
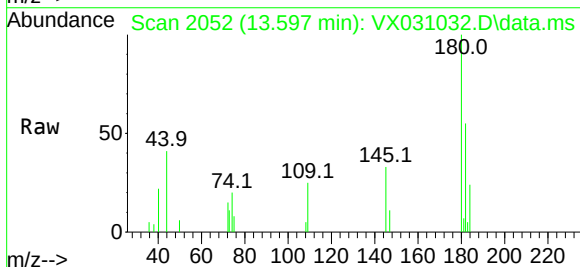
Instrument :  
MSVOA\_X  
ClientSampleId :  
RE122D2-20220818

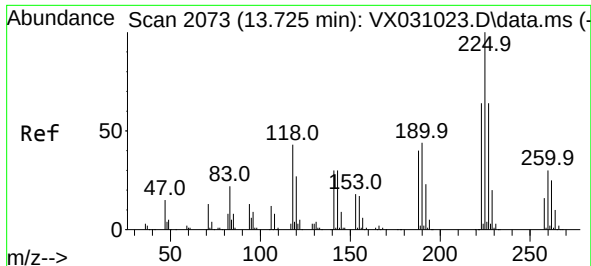
Tgt Ion: 75 Resp: 85979  
Ion Ratio Lower Upper  
75 100  
53 0.0 74.2 111.4#  
89 0.0 34.8 52.2#



#93  
1,2,4-Trichlorobenzene  
Concen: 0.408 ug/l  
RT: 13.597 min Scan# 2052  
Delta R.T. 0.006 min  
Lab File: VX031032.D  
Acq: 01 Sep 2022 20:09

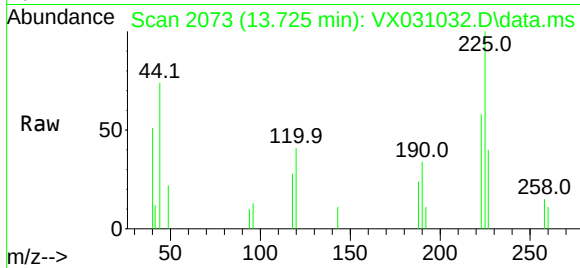
Tgt Ion:180 Resp: 1736  
Ion Ratio Lower Upper  
180 100  
182 67.6 48.2 144.6  
145 30.7 15.9 47.6



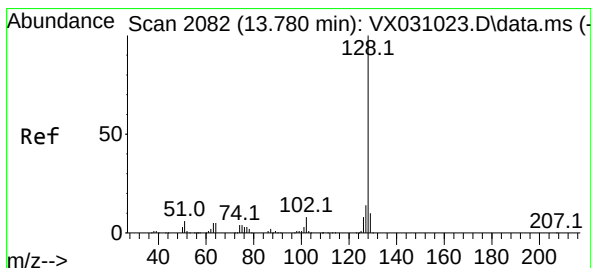
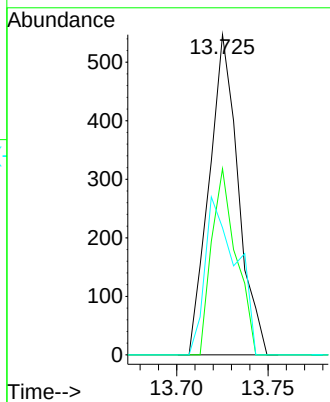
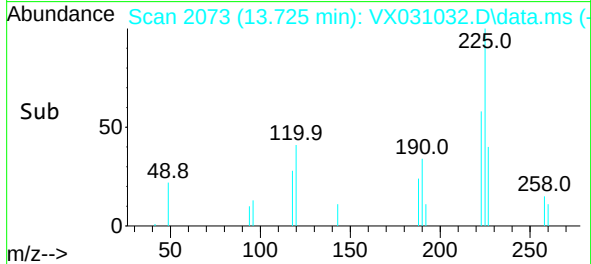


#94  
Hexachlorobutadiene  
Concen: 0.325 ug/l  
RT: 13.725 min Scan# 2073  
Delta R.T. 0.000 min  
Lab File: VX031032.D  
Acq: 01 Sep 2022 20:09

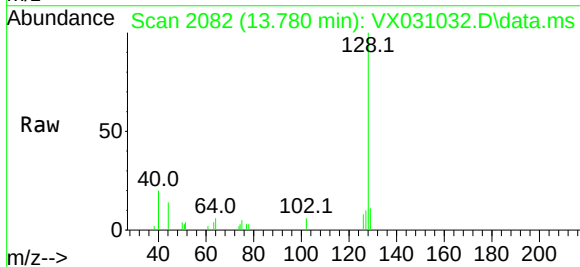
Instrument :  
MSVOA\_X  
ClientSampleId :  
RE122D2-20220818



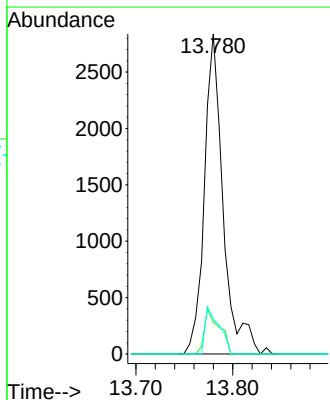
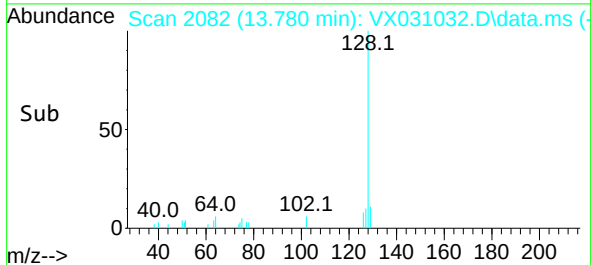
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 49.2  | 30.6  | 91.6  |
| 227     | 53.0  | 31.9  | 95.9  |



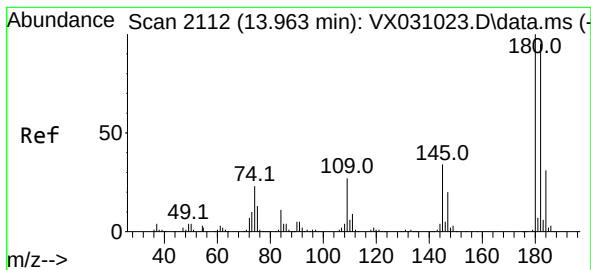
#95  
Naphthalene  
Concen: 0.257 ug/l  
RT: 13.780 min Scan# 2082  
Delta R.T. 0.006 min  
Lab File: VX031032.D  
Acq: 01 Sep 2022 20:09



| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 127     | 11.4  | 10.2  | 15.2  |
| 129     | 11.1  | 8.6   | 13.0  |

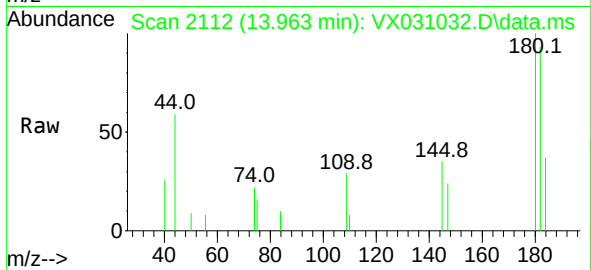






#96  
 1,2,3-Trichlorobenzene  
 Concen: 0.235 ug/l  
 RT: 13.963 min Scan# 21  
 Delta R.T. -0.000 min  
 Lab File: VX031032.D  
 Acq: 01 Sep 2022 20:09

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 RE122D2-20220818



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 180   | Resp: | 1050  |
| Ion      | Ratio | Lower | Upper |
| 180      | 100   |       |       |
| 182      | 99.4  | 47.0  | 141.0 |
| 145      | 39.0  | 17.0  | 50.9  |

