

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD120823\  
 Data File : VD077798.D  
 Acq On : 08 Dec 2023 18:31  
 Operator : JC/SY  
 Sample : 05671-05  
 Misc : 5.04G/5.0ml/MSVOA\_D/SOIL  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :

Quant Time: Dec 08 23:13:50 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D120823S.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Dec 08 13:33:18 2023  
 Response via : Initial Calibration

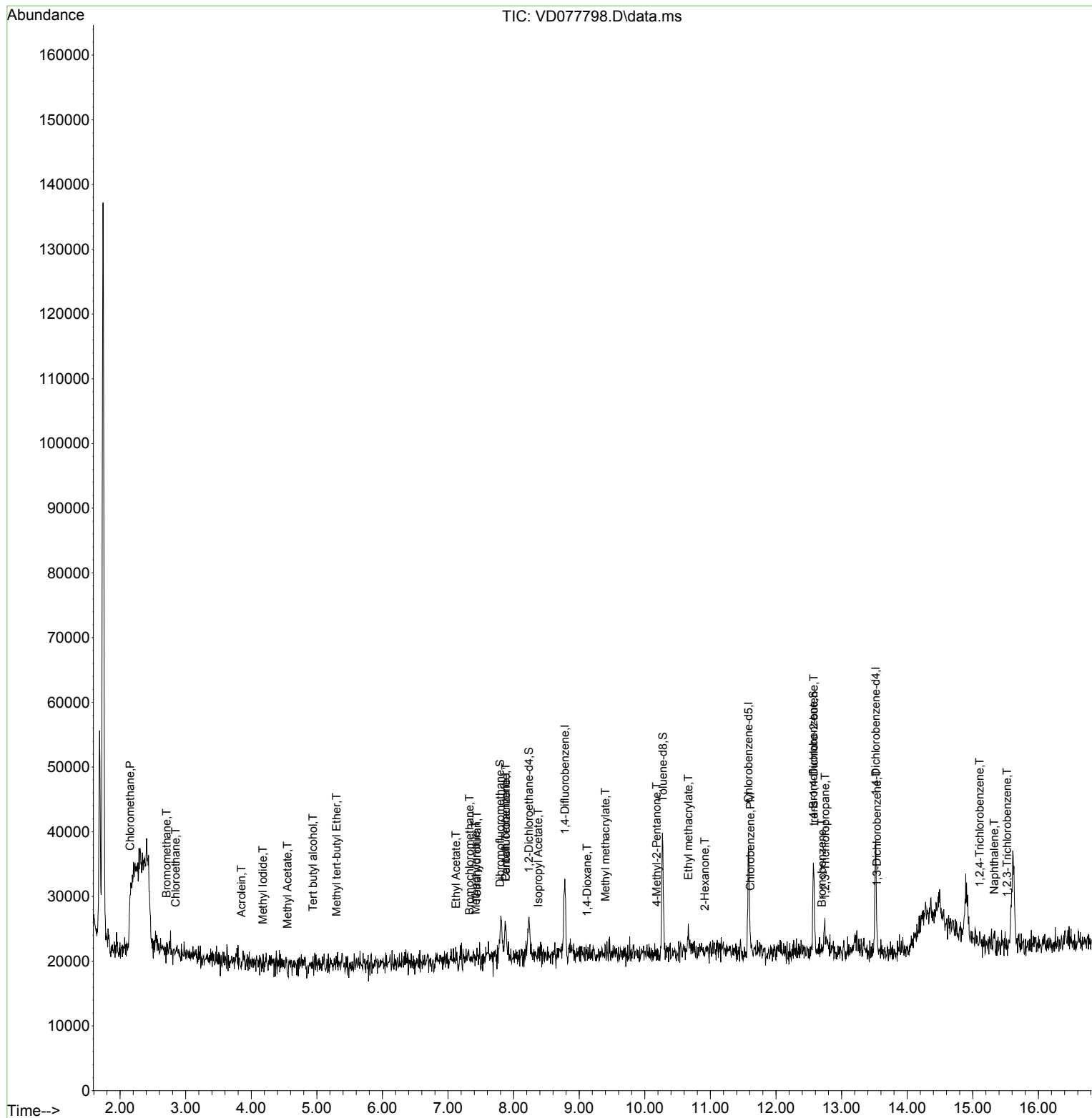
| Compound                      | R.T. QIon |       | Response | Conc      | Units      | Dev(Min) |
|-------------------------------|-----------|-------|----------|-----------|------------|----------|
| -----                         |           |       |          |           |            |          |
| Internal Standards            |           |       |          |           |            |          |
| 1) Pentafluorobenzene         | 7.881     | 168   | 4700     | 50.000    | ug/l       | # 0.00   |
| 34) 1,4-Difluorobenzene       | 8.781     | 114   | 9952     | 50.000    | ug/l       | 0.00     |
| 63) Chlorobenzene-d5          | 11.581    | 117   | 9474     | 50.000    | ug/l       | # 0.00   |
| 72) 1,4-Dichlorobenzene-d4    | 13.522    | 152   | 4661     | 50.000    | ug/l       | 0.00     |
| System Monitoring Compounds   |           |       |          |           |            |          |
| 33) 1,2-Dichloroethane-d4     | 8.234     | 65    | 4012     | 72.441    | ug/l       | 0.00     |
| Spiked Amount                 | 50.000    | Range | 50 - 163 | Recovery  | = 144.880% |          |
| 35) Dibromofluoromethane      | 7.793     | 113   | 2473     | 35.475    | ug/l       | -0.01    |
| Spiked Amount                 | 50.000    | Range | 54 - 147 | Recovery  | = 70.960%  |          |
| 50) Toluene-d8                | 10.275    | 98    | 12253    | 43.886    | ug/l       | 0.00     |
| Spiked Amount                 | 50.000    | Range | 58 - 134 | Recovery  | = 87.780%  |          |
| 62) 4-Bromofluorobenzene      | 12.569    | 95    | 3905     | 46.781    | ug/l       | 0.00     |
| Spiked Amount                 | 50.000    | Range | 30 - 143 | Recovery  | = 93.560%  |          |
| Target Compounds              |           |       |          |           |            |          |
|                               |           |       |          |           |            | Qvalue   |
| 3) Chloromethane              | 2.152     | 50    | 315      | 3.936     | ug/l       | 92       |
| 5) Bromomethane               | 2.711     | 94    | 151      | 2.477     | ug/l       | 84       |
| 6) Chloroethane               | 2.846     | 64    | 311      | 4.199     | ug/l       | # 43     |
| 10) Methyl Iodide             | 4.175     | 142   | 53       | 7.655     | ug/l       | # 46     |
| 11) Tert butyl alcohol        | 4.940     | 59    | 61       | 12.148    | ug/l       | # 1      |
| 13) Acrolein                  | 3.852     | 56    | 55       | 9.388     | ug/l       | # 15     |
| 16) Acetone                   | 4.022     | 43    | 143      | Below Cal | #          | 32       |
| 18) Methyl Acetate            | 4.552     | 43    | 81       | 1.857     | ug/l       | # 42     |
| 19) Methyl tert-butyl Ether   | 5.299     | 73    | 177      | 1.477     | ug/l       | # 55     |
| 20) Methylene Chloride        | 4.811     | 84    | 55       | Below Cal | #          | 17       |
| 25) 2-Butanone                | 7.099     | 43    | 56       | Below Cal | #          | 37       |
| 28) Bromochloromethane        | 7.328     | 49    | 56       | 1.260     | ug/l       | # 1      |
| 29) Tetrahydrofuran           | 7.440     | 42    | 57       | 6.463     | ug/l       | # 23     |
| 37) Ethyl Acetate             | 7.122     | 43    | 61       | 1.403     | ug/l       | # 62     |
| 38) Carbon Tetrachloride      | 7.881     | 117   | 244      | 2.195     | ug/l       | # 11     |
| 41) Methacrylonitrile         | 7.422     | 41    | 82       | 3.711     | ug/l       | # 1      |
| 43) Isopropyl Acetate         | 8.375     | 43    | 139      | 1.798     | ug/l       | # 86     |
| 48) Methyl methacrylate       | 9.399     | 41    | 65       | 1.479     | ug/l       | # 51     |
| 49) 1,4-Dioxane               | 9.122     | 88    | 71       | 175.652   | ug/l       | # 33     |
| 51) 4-Methyl-2-Pentanone      | 10.181    | 43    | 71       | 1.800     | ug/l       | # 28     |
| 56) Ethyl methacrylate        | 10.663    | 69    | 67       | 1.365     | ug/l       | # 1      |
| 59) 2-Hexanone                | 10.916    | 43    | 93       | 2.842     | ug/l       | # 79     |
| 65) Chlorobenzene             | 11.610    | 112   | 763      | 1.619     | ug/l       | # 87     |
| 76) 1,2,3-Trichloropropane    | 12.751    | 75    | 62       | 1.532     | ug/l       | # 100    |
| 77) Bromobenzene              | 12.698    | 156   | 391      | 4.706     | ug/l       | # 1      |
| 81) trans-1,4-Dichloro-2-b... | 12.575    | 75    | 2046     | 102.402   | ug/l       | # 17     |
| 87) 1,3-Dichlorobenzene       | 13.540    | 146   | 352      | 2.072     | ug/l       | # 85     |
| 93) 1,2,4-Trichlorobenzene    | 15.104    | 180   | 468      | 4.741     | ug/l       | # 38     |
| 95) Naphthalene               | 15.328    | 128   | 2086     | 12.719    | ug/l       | # 81     |
| 96) 1,2,3-Trichlorobenzene    | 15.522    | 180   | 224      | 2.753     | ug/l       | # 13     |
| -----                         |           |       |          |           |            |          |

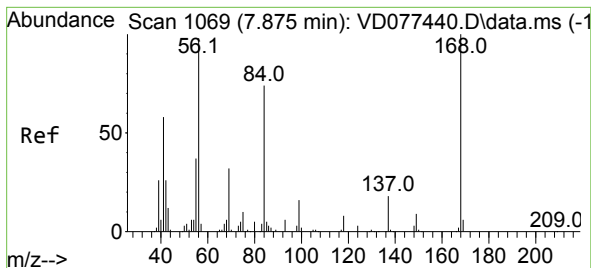
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD120823\  
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Operator : JC/SY  
Sample : 05671-05  
Misc : 5.04G/5.0ml/MSVOA\_D/SOIL  
ALS Vial : 19 Sample Multiplier: 1

Instrument :  
MSVOA\_D  
ClientSampleId :

Quant Time: Dec 08 23:13:50 2023  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D120823S.M  
Quant Title : SW846 8260  
QLast Update : Fri Dec 08 13:33:18 2023  
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.881 min Scan# 10

Delta R.T. 0.006 min

Lab File: VD077798.D

Acq: 08 Dec 2023 18:31

Instrument :

MSVOA\_D

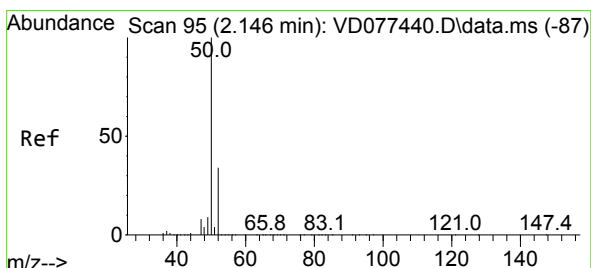
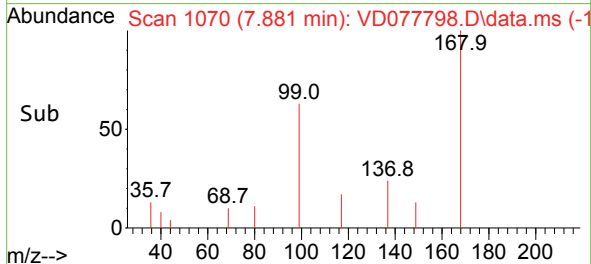
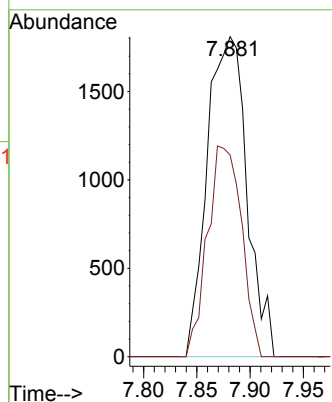
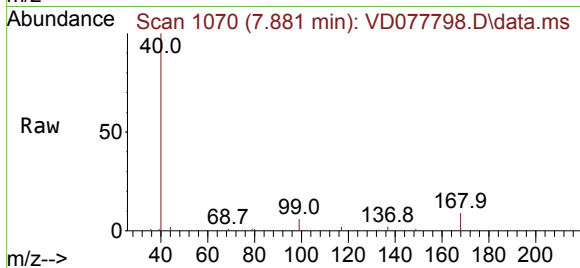
ClientSampleId :

Tgt Ion:168 Resp: 4700

Ion Ratio Lower Upper

168 100

99 63.0 36.7 55.1#



#3

Chloromethane

Concen: 3.936 ug/l

RT: 2.152 min Scan# 96

Delta R.T. 0.006 min

Lab File: VD077798.D

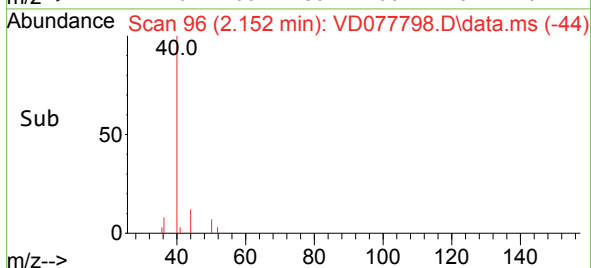
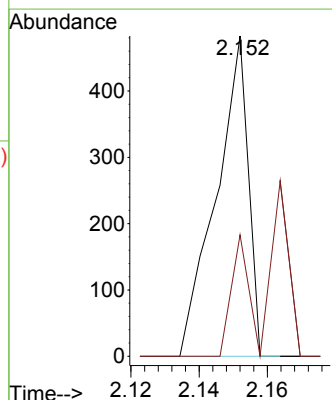
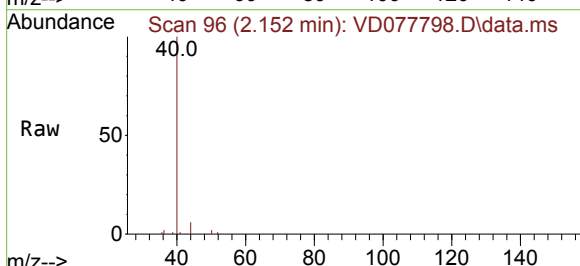
Acq: 08 Dec 2023 18:31

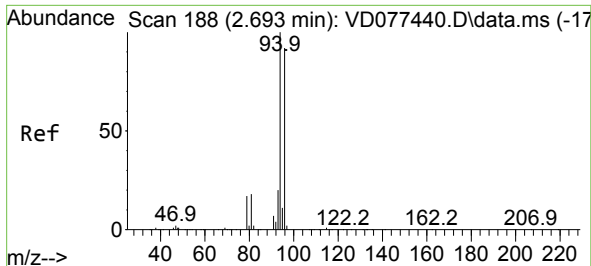
Tgt Ion: 50 Resp: 315

Ion Ratio Lower Upper

50 100

52 37.9 26.6 40.0

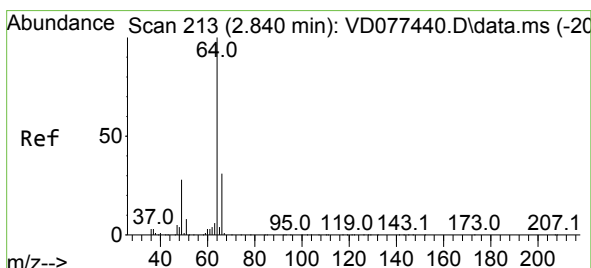
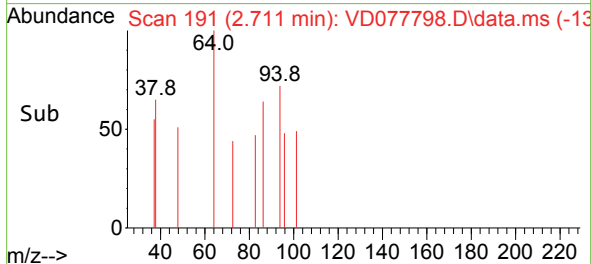
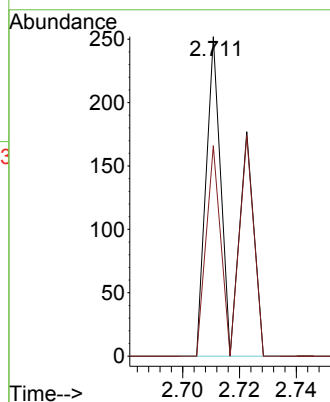
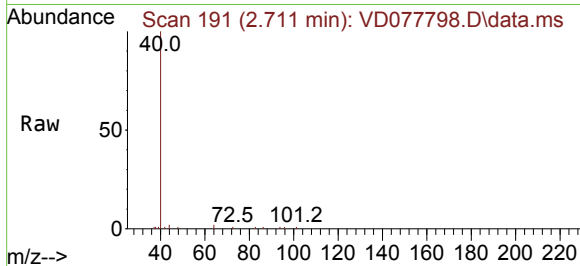




#5  
Bromomethane  
Concen: 2.477 ug/l  
RT: 2.711 min Scan# 191  
Delta R.T. 0.018 min  
Lab File: VD077798.D  
Acq: 08 Dec 2023 18:31

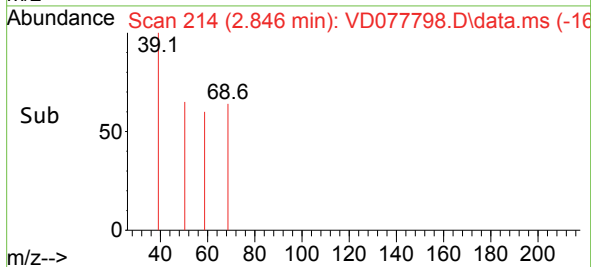
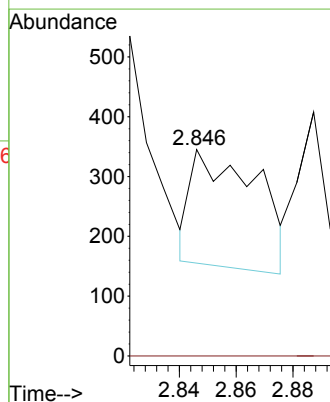
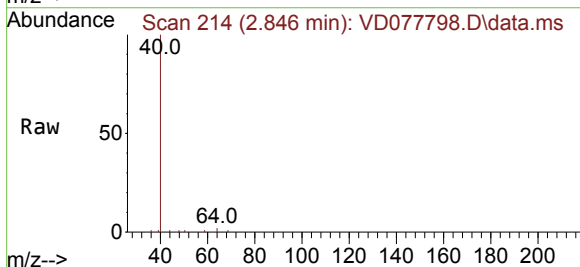
Instrument :  
MSVOA\_D  
ClientSampleId :

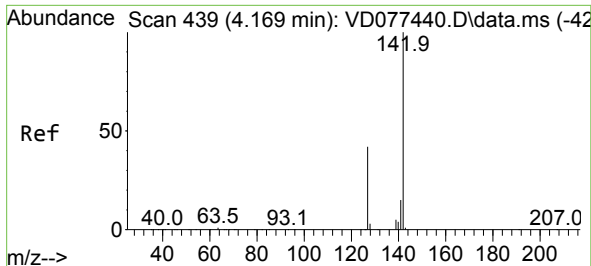
Tgt Ion: 94 Resp: 151  
Ion Ratio Lower Upper  
94 100  
96 79.5 75.8 113.8



#6  
Chloroethane  
Concen: 4.199 ug/l  
RT: 2.846 min Scan# 214  
Delta R.T. 0.006 min  
Lab File: VD077798.D  
Acq: 08 Dec 2023 18:31

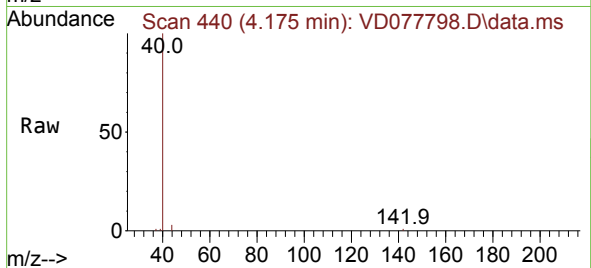
Tgt Ion: 64 Resp: 311  
Ion Ratio Lower Upper  
64 100  
66 0.0 25.5 38.3#



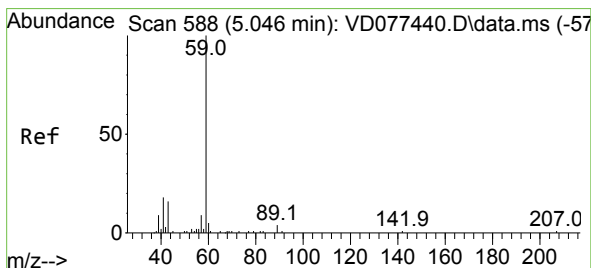
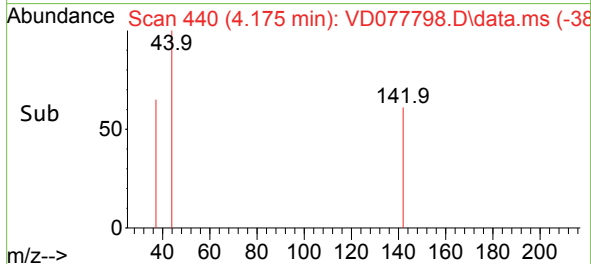
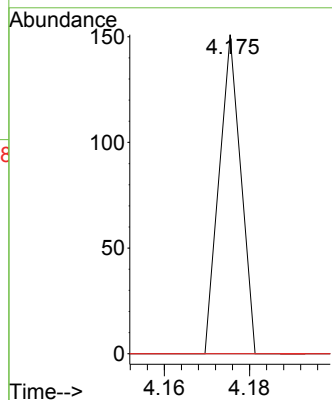


#10  
Methyl Iodide  
Concen: 7.655 ug/l  
RT: 4.175 min Scan# 440  
Delta R.T. 0.006 min  
Lab File: VD077798.D  
Acq: 08 Dec 2023 18:31

Instrument :  
MSVOA\_D  
ClientSampleId :

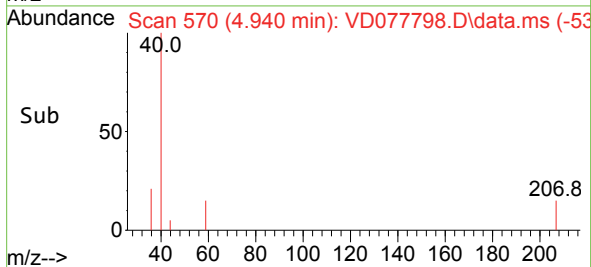
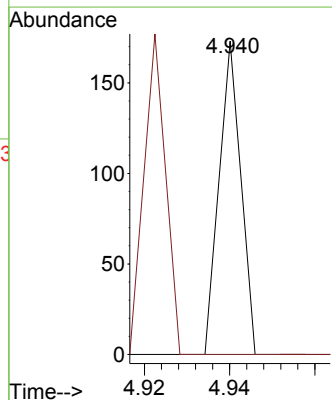
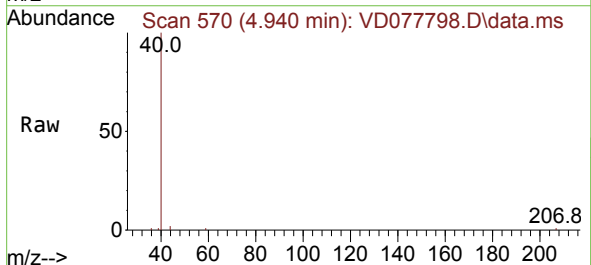


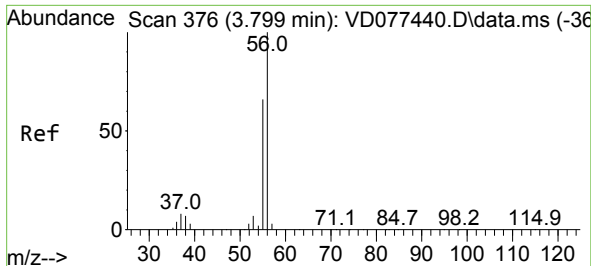
Tgt Ion:142 Resp: 53  
Ion Ratio Lower Upper  
142 100  
127 0.0 29.4 44.0#  
141 0.0 11.1 16.7#



#11  
Tert butyl alcohol  
Concen: 12.148 ug/l  
RT: 4.940 min Scan# 570  
Delta R.T. -0.106 min  
Lab File: VD077798.D  
Acq: 08 Dec 2023 18:31

Tgt Ion: 59 Resp: 61  
Ion Ratio Lower Upper  
59 100  
57 101.6 7.8 11.8#

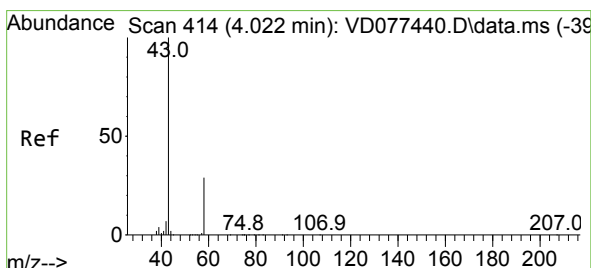
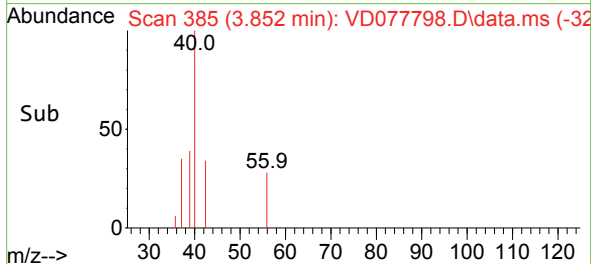
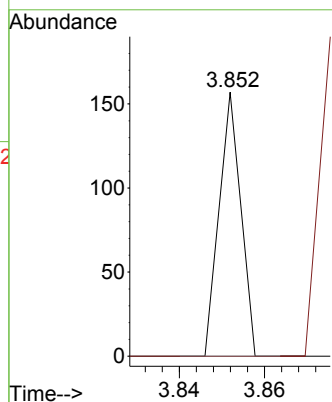
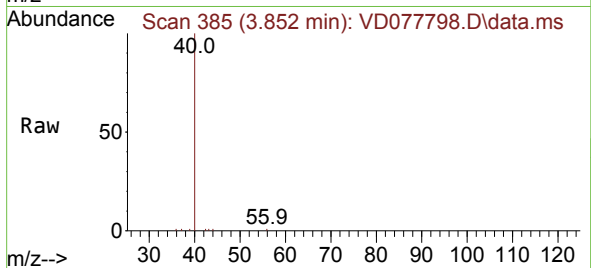




#13  
Acrolein  
Concen: 9.388 ug/l  
RT: 3.852 min Scan# 31  
Delta R.T. 0.053 min  
Lab File: VD077798.D  
Acq: 08 Dec 2023 18:31

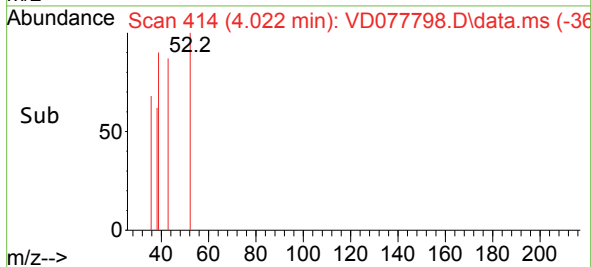
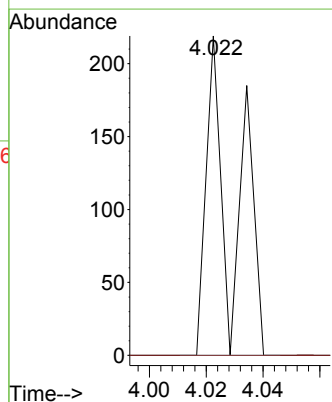
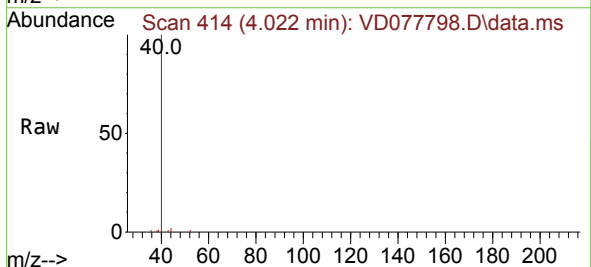
Instrument :  
MSVOA\_D  
ClientSampleId :

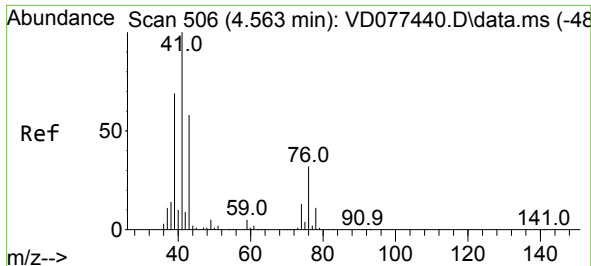
Tgt Ion: 56 Resp: 55  
Ion Ratio Lower Upper  
56 100  
55 0.0 55.1 82.7#



#16  
Acetone  
Concen: Below Cal  
RT: 4.022 min Scan# 414  
Delta R.T. 0.000 min  
Lab File: VD077798.D  
Acq: 08 Dec 2023 18:31

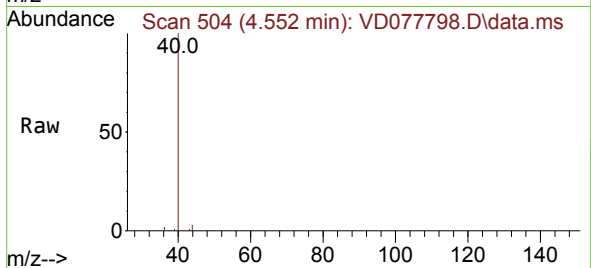
Tgt Ion: 43 Resp: 143  
Ion Ratio Lower Upper  
43 100  
58 0.0 34.7 52.1#



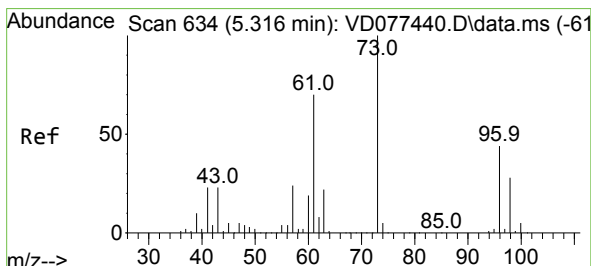
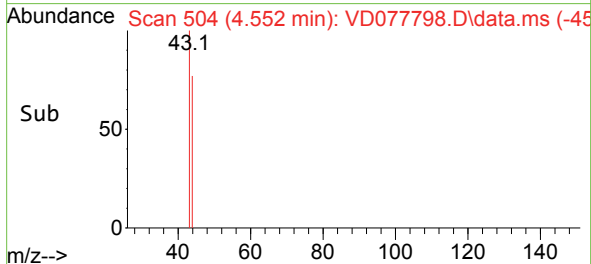
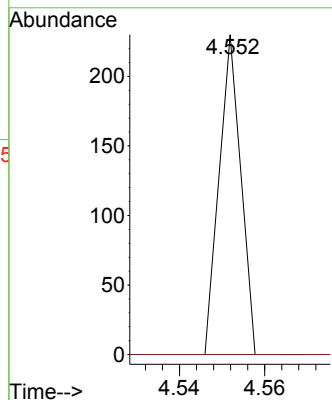


#18  
Methyl Acetate  
Concen: 1.857 ug/l  
RT: 4.552 min Scan# 506  
Delta R.T. -0.011 min  
Lab File: VD077798.D  
Acq: 08 Dec 2023 18:31

Instrument :  
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ClientSampleId :

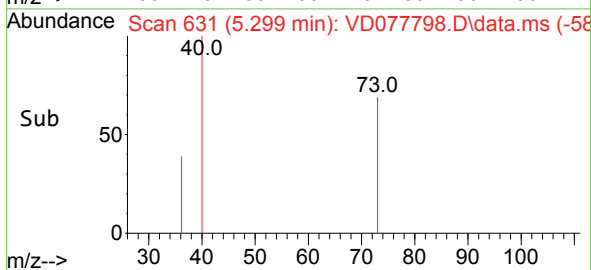
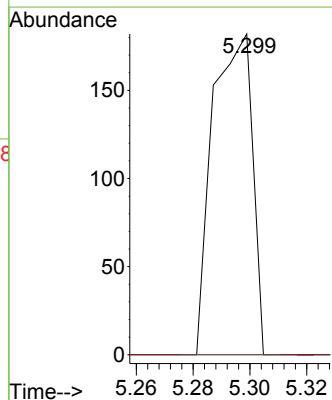
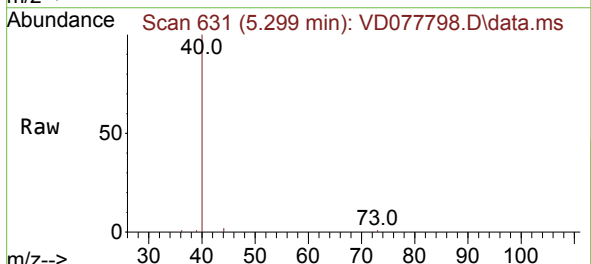


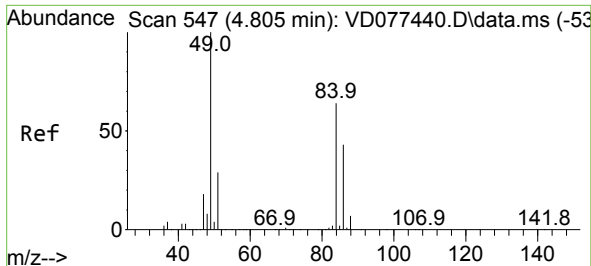
Tgt Ion: 43 Resp: 81  
Ion Ratio Lower Upper  
43 100  
74 0.0 26.4 39.6#



#19  
Methyl tert-butyl Ether  
Concen: 1.477 ug/l  
RT: 5.299 min Scan# 631  
Delta R.T. -0.017 min  
Lab File: VD077798.D  
Acq: 08 Dec 2023 18:31

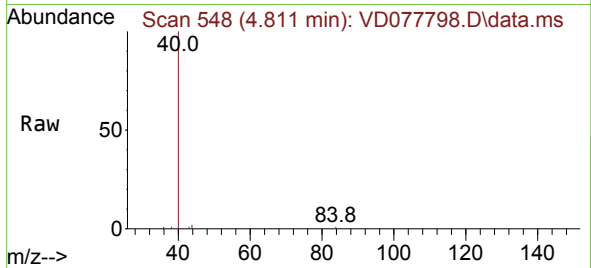
Tgt Ion: 73 Resp: 177  
Ion Ratio Lower Upper  
73 100  
57 0.0 16.6 25.0#



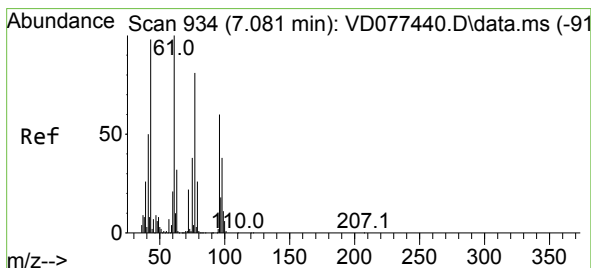
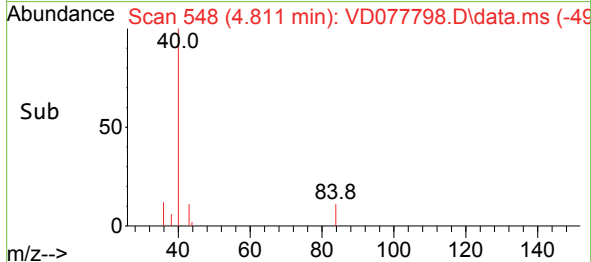
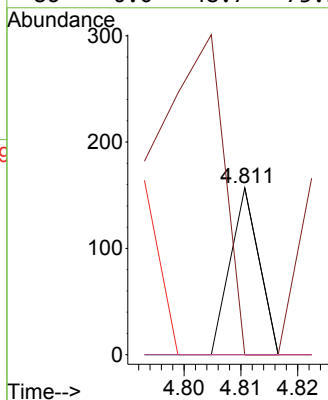


#20  
Methylene Chloride  
Concen: Below Cal  
RT: 4.811 min Scan# 54  
Delta R.T. 0.006 min  
Lab File: VD077798.D  
Acq: 08 Dec 2023 18:31

Instrument :  
MSVOA\_D  
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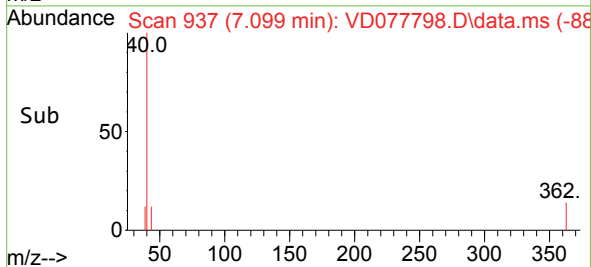
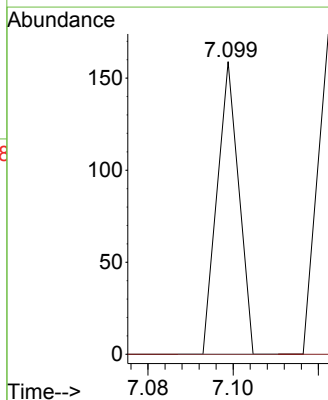
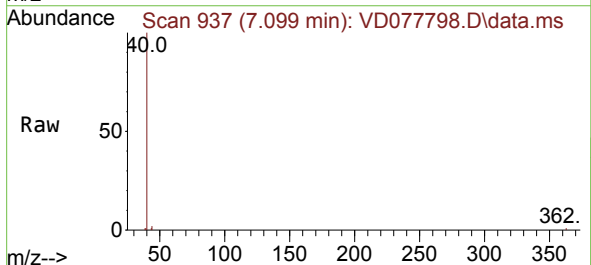


Tgt Ion: 84 Resp: 55  
Ion Ratio Lower Upper  
84 100  
49 0.0 71.4 107.2#  
51 0.0 24.5 36.7#  
86 0.0 48.7 73.1#

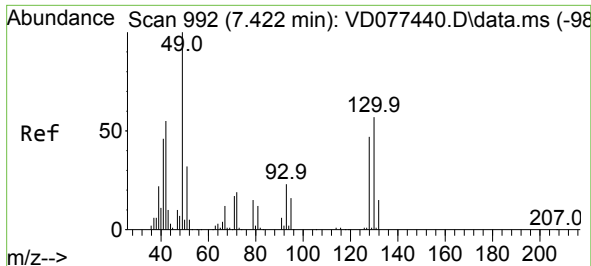


#25  
2-Butanone  
Concen: Below Cal  
RT: 7.099 min Scan# 937  
Delta R.T. 0.018 min  
Lab File: VD077798.D  
Acq: 08 Dec 2023 18:31

Tgt Ion: 43 Resp: 56  
Ion Ratio Lower Upper  
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72 0.0 30.7 46.1#

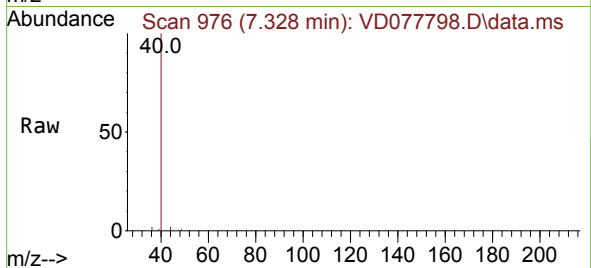




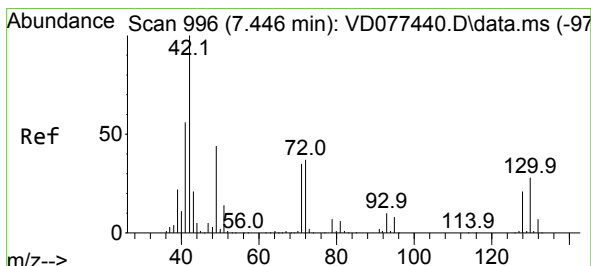
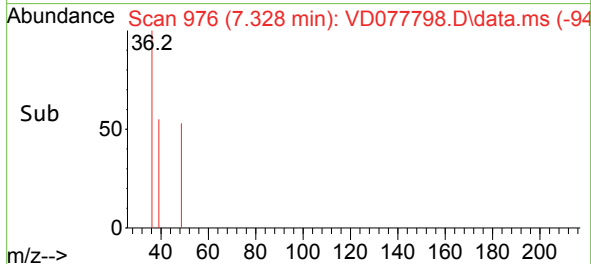
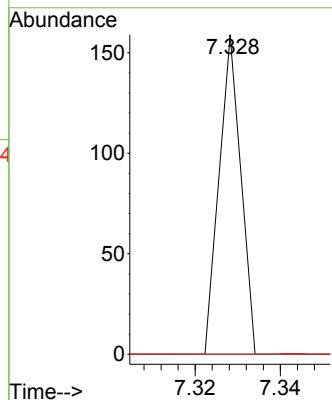


#28  
Bromochloromethane  
Concen: 1.260 ug/l  
RT: 7.328 min Scan# 91  
Delta R.T. -0.094 min  
Lab File: VD077798.D  
Acq: 08 Dec 2023 18:31

Instrument :  
MSVOA\_D  
ClientSampleId :

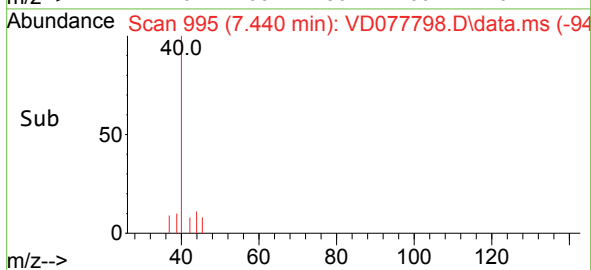
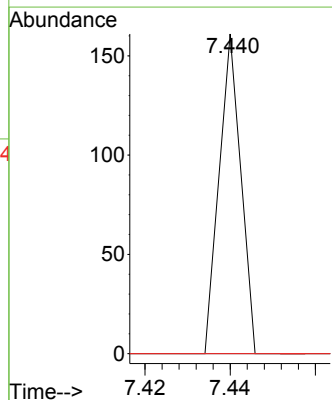
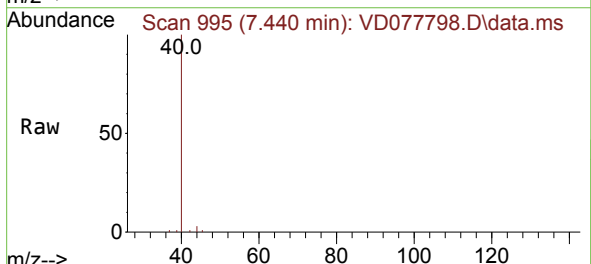


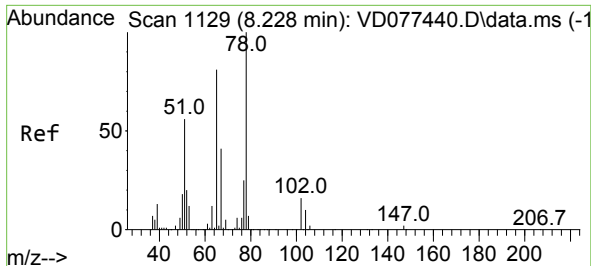
Tgt Ion: 49 Resp: 56  
Ion Ratio Lower Upper  
49 100  
129 0.0 0.0 6.0  
130 0.0 83.2 124.8#



#29  
Tetrahydrofuran  
Concen: 6.463 ug/l  
RT: 7.440 min Scan# 995  
Delta R.T. -0.006 min  
Lab File: VD077798.D  
Acq: 08 Dec 2023 18:31

Tgt Ion: 42 Resp: 57  
Ion Ratio Lower Upper  
42 100  
72 0.0 46.5 69.7#  
71 0.0 44.5 66.7#

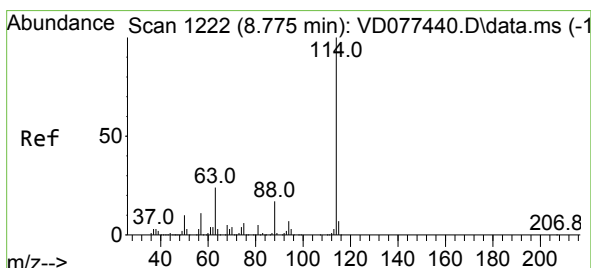
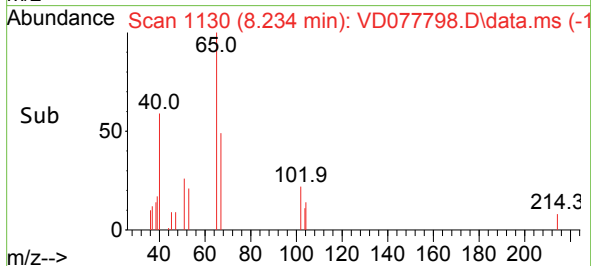
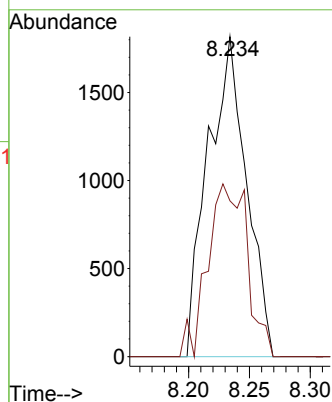
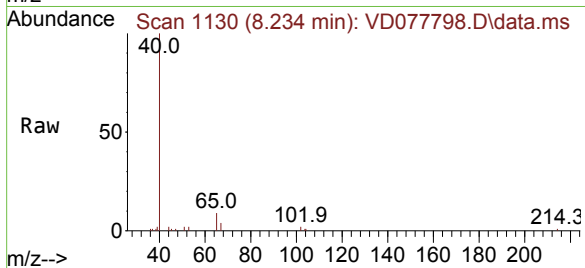




#33  
 1,2-Dichloroethane-d4  
 Concen: 72.441 ug/l  
 RT: 8.234 min Scan# 1129  
 Delta R.T. 0.006 min  
 Lab File: VD077798.D  
 Acq: 08 Dec 2023 18:31

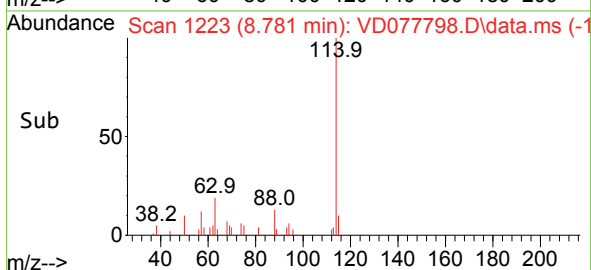
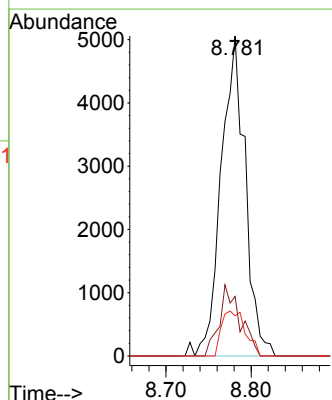
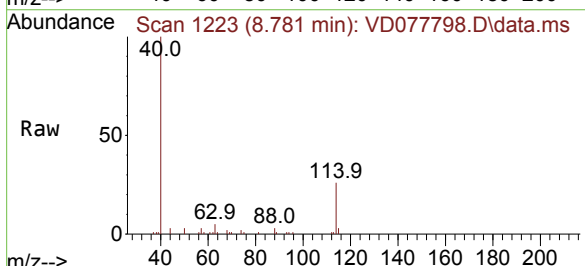
Instrument :  
 MSVOA\_D  
 ClientSampleId :

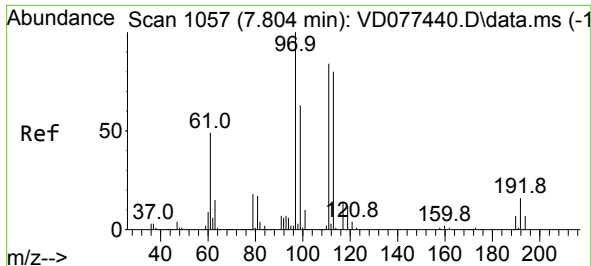
Tgt Ion: 65 Resp: 4012  
 Ion Ratio Lower Upper  
 65 100  
 67 55.3 0.0 115.0



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.781 min Scan# 1223  
 Delta R.T. 0.006 min  
 Lab File: VD077798.D  
 Acq: 08 Dec 2023 18:31

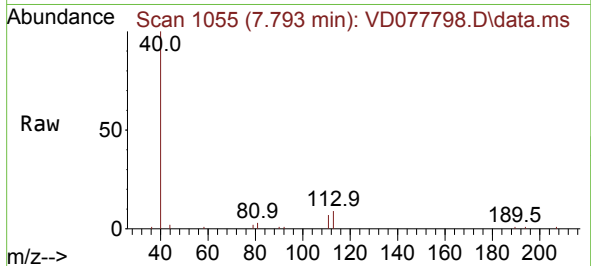
Tgt Ion: 114 Resp: 9952  
 Ion Ratio Lower Upper  
 114 100  
 63 18.6 0.0 33.4  
 88 12.5 0.0 26.2



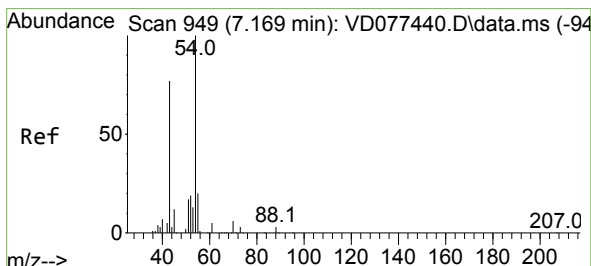
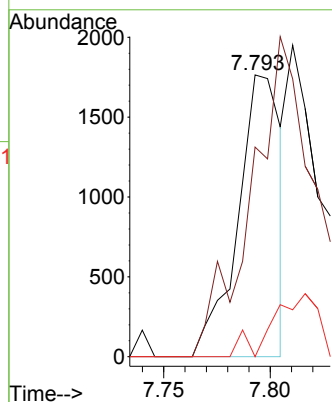
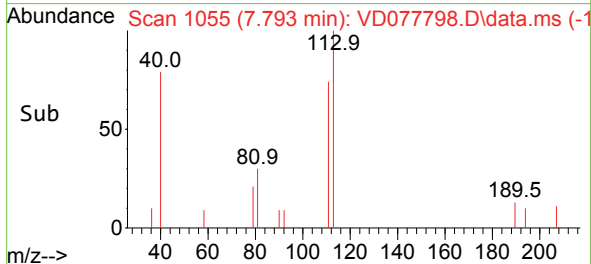


#35  
Dibromofluoromethane  
Concen: 35.475 ug/l  
RT: 7.793 min Scan# 1055  
Delta R.T. -0.011 min  
Lab File: VD077798.D  
Acq: 08 Dec 2023 18:31

Instrument :  
MSVOA\_D  
ClientSampleId :

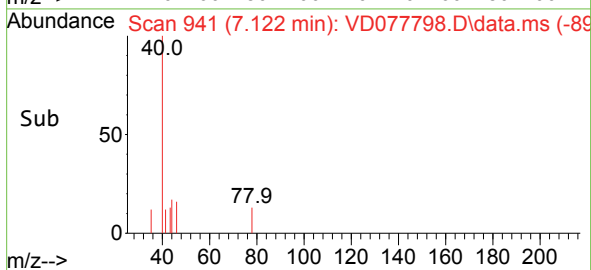
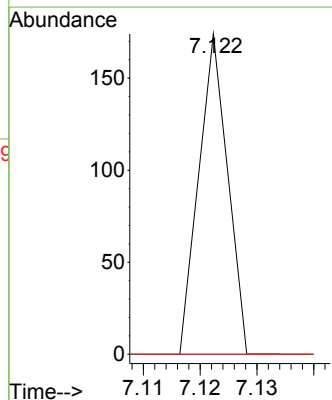
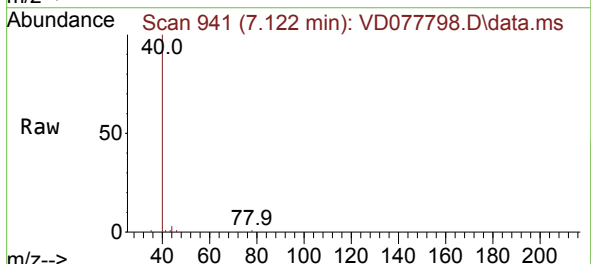


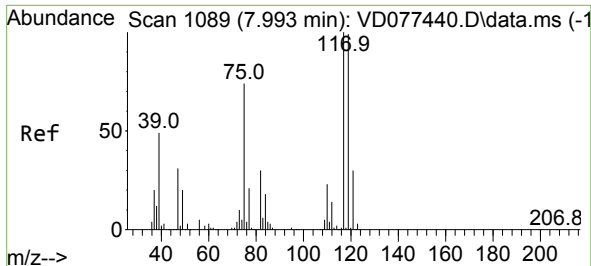
Tgt Ion:113 Resp: 2473  
Ion Ratio Lower Upper  
113 100  
111 0.0 84.7 127.1#  
192 0.0 16.8 25.2#



#37  
Ethyl Acetate  
Concen: 1.403 ug/l  
RT: 7.122 min Scan# 941  
Delta R.T. -0.047 min  
Lab File: VD077798.D  
Acq: 08 Dec 2023 18:31

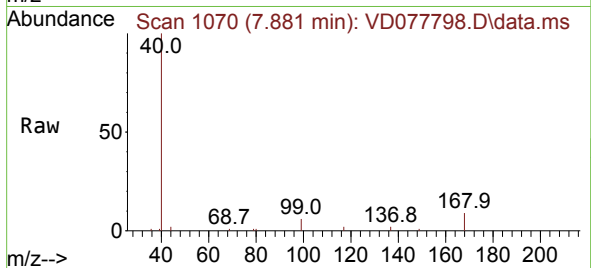
Tgt Ion: 43 Resp: 61  
Ion Ratio Lower Upper  
43 100  
61 0.0 14.9 22.3#  
70 0.0 10.0 15.0#



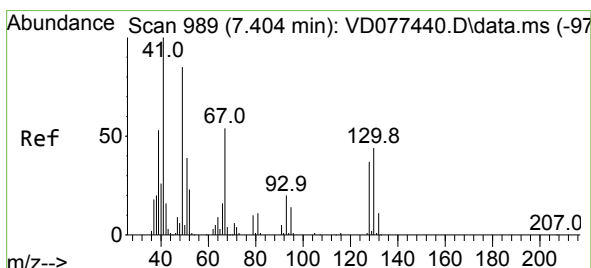
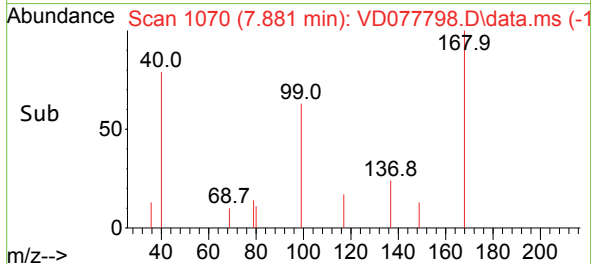
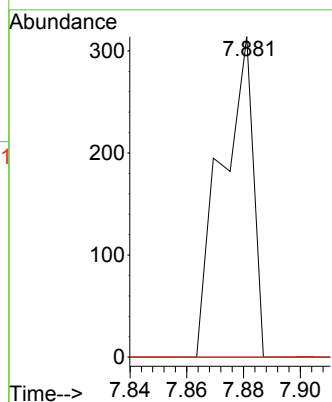


#38  
Carbon Tetrachloride  
Concen: 2.195 ug/l  
RT: 7.881 min Scan# 1089  
Delta R.T. -0.112 min  
Lab File: VD077798.D  
Acq: 08 Dec 2023 18:31

Instrument :  
MSVOA\_D  
ClientSampleId :

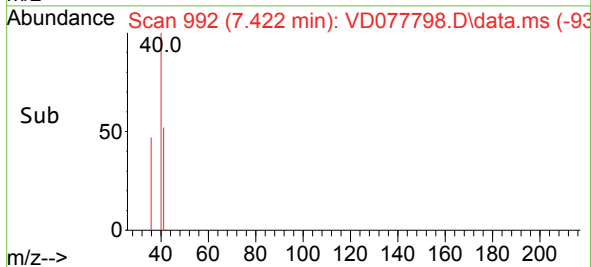
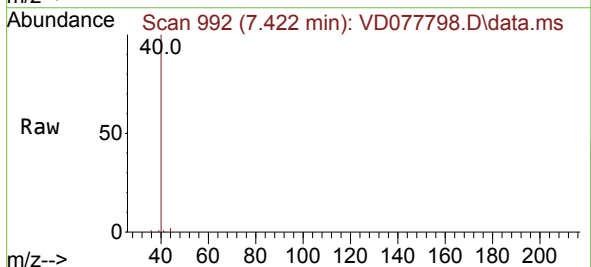
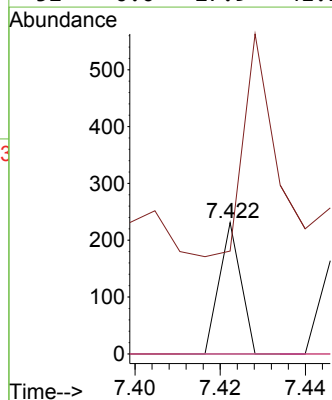


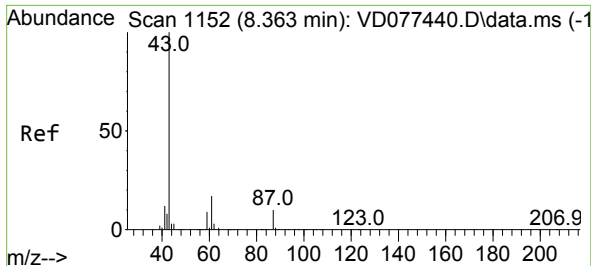
Tgt Ion:117 Resp: 244  
Ion Ratio Lower Upper  
117 100  
119 0.0 78.0 117.0#  
121 0.0 24.2 36.2#



#41  
Methacrylonitrile  
Concen: 3.711 ug/l  
RT: 7.422 min Scan# 992  
Delta R.T. 0.018 min  
Lab File: VD077798.D  
Acq: 08 Dec 2023 18:31

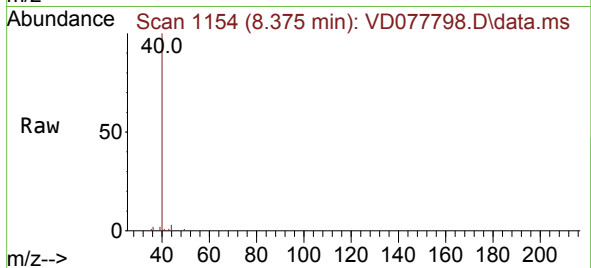
Tgt Ion: 41 Resp: 82  
Ion Ratio Lower Upper  
41 100  
39 248.8 34.0 51.0#  
67 0.0 77.0 115.4#  
52 0.0 27.9 41.9#



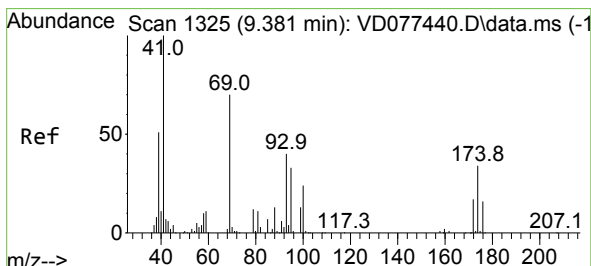
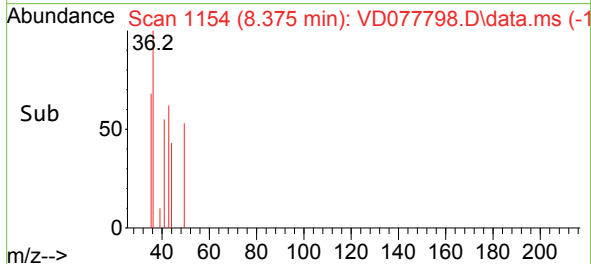
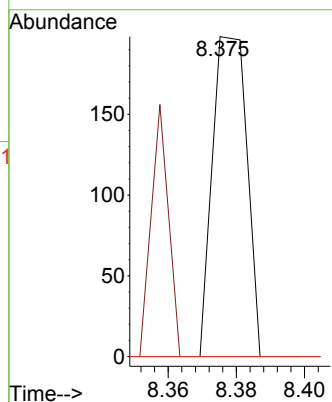


#43  
Isopropyl Acetate  
Concen: 1.798 ug/l  
RT: 8.375 min Scan# 1154  
Delta R.T. 0.012 min  
Lab File: VD077798.D  
Acq: 08 Dec 2023 18:31

Instrument :  
MSVOA\_D  
ClientSampleId :

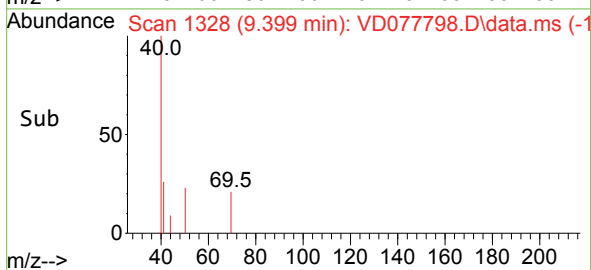
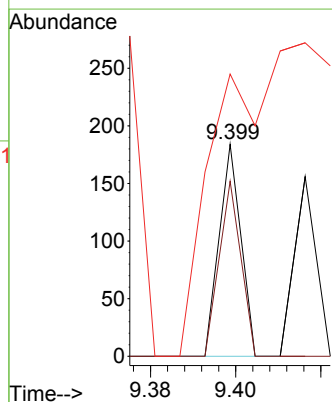
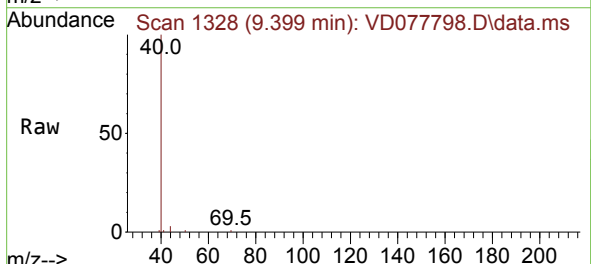


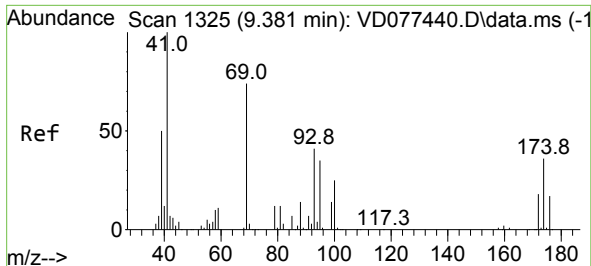
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 39.6  | 31.4  | 47.0  |
| 87      | 0.0   | 14.9  | 22.3  |



#48  
Methyl methacrylate  
Concen: 1.479 ug/l  
RT: 9.399 min Scan# 1328  
Delta R.T. 0.018 min  
Lab File: VD077798.D  
Acq: 08 Dec 2023 18:31

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 41      | 100   |       |       |
| 69      | 83.1  | 102.2 | 153.2 |
| 39      | 0.0   | 41.4  | 62.2  |





#49

1,4-Dioxane

Concen: 175.652 ug/l

RT: 9.122 min Scan# 11

Delta R.T. -0.259 min

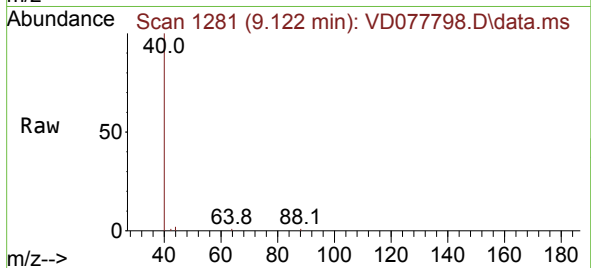
Lab File: VD077798.D

Acq: 08 Dec 2023 18:31

Instrument :

MSVOA\_D

ClientSampleId :



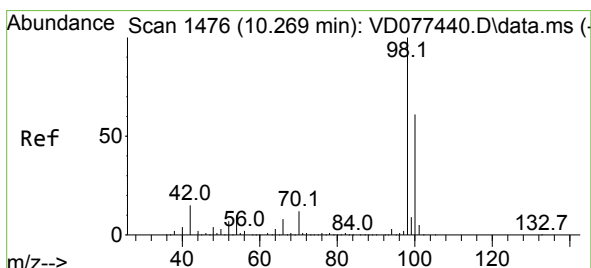
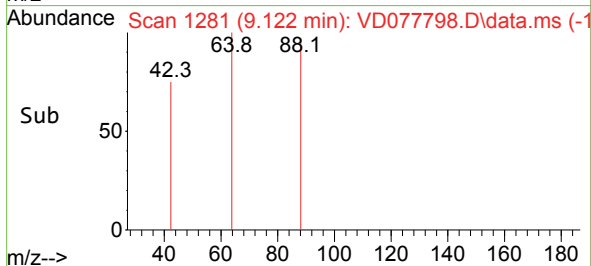
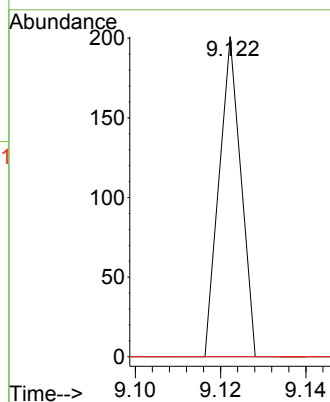
Tgt Ion: 88 Resp: 71

Ion Ratio Lower Upper

88 100

43 0.0 19.0 28.6#

58 0.0 43.5 65.3#



#50

Toluene-d8

Concen: 43.886 ug/l

RT: 10.275 min Scan# 1477

Delta R.T. 0.006 min

Lab File: VD077798.D

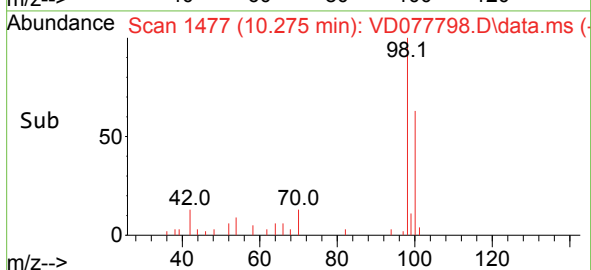
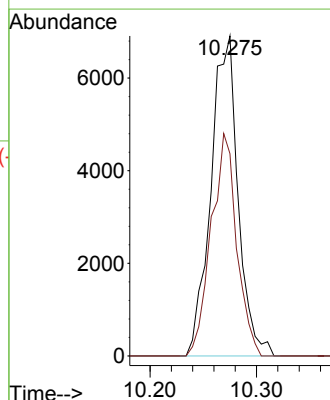
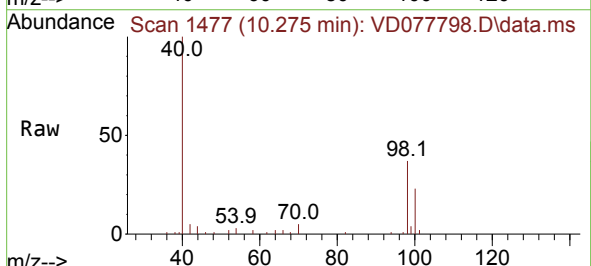
Acq: 08 Dec 2023 18:31

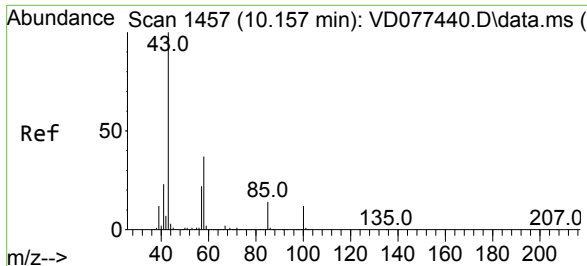
Tgt Ion: 98 Resp: 12253

Ion Ratio Lower Upper

98 100

100 65.2 50.3 75.5

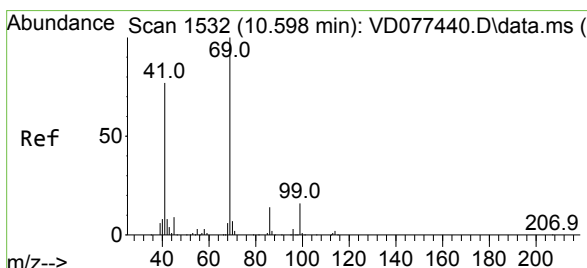
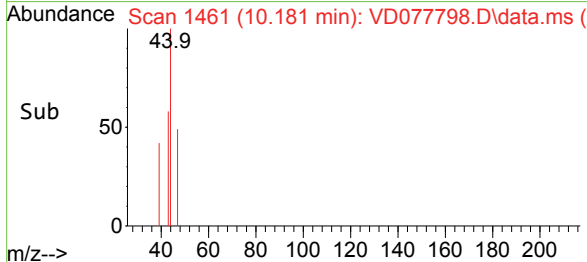
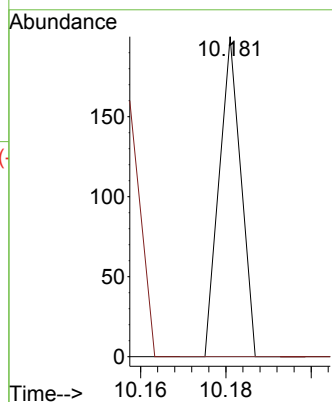
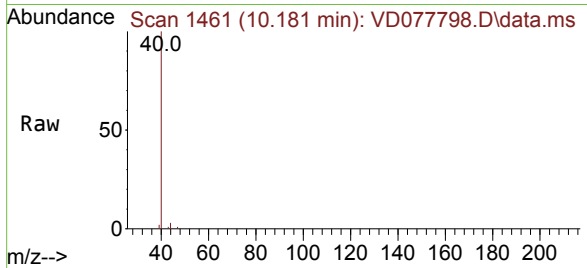




#51  
4-Methyl-2-Pentanone  
Concen: 1.800 ug/l  
RT: 10.181 min Scan# 1457  
Delta R.T. 0.024 min  
Lab File: VD077798.D  
Acq: 08 Dec 2023 18:31

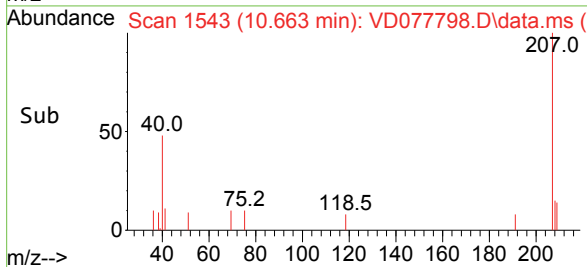
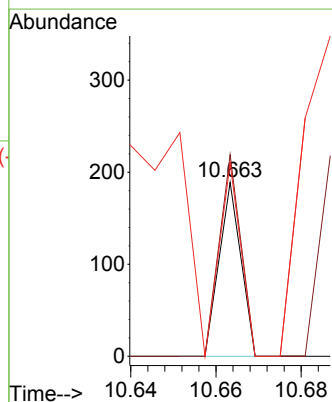
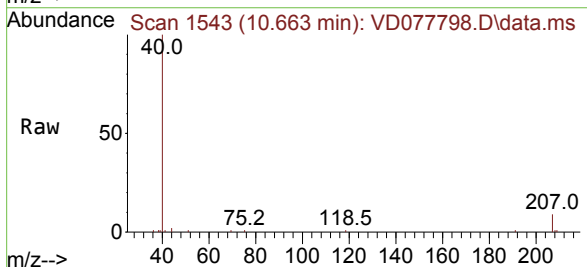
Instrument :  
MSVOA\_D  
ClientSampleId :

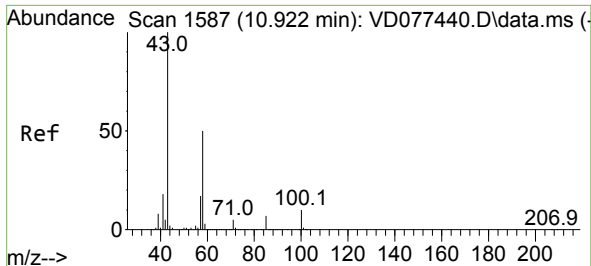
Tgt Ion: 43 Resp: 71  
Ion Ratio Lower Upper  
43 100  
58 0.0 38.9 58.3#



#56  
Ethyl methacrylate  
Concen: 1.365 ug/l  
RT: 10.663 min Scan# 1543  
Delta R.T. 0.065 min  
Lab File: VD077798.D  
Acq: 08 Dec 2023 18:31

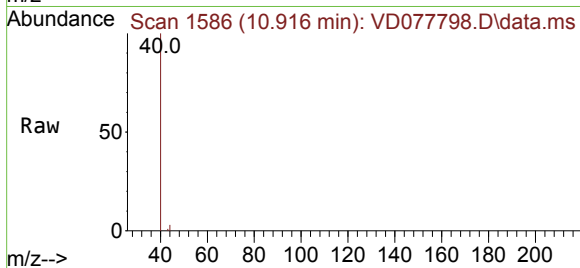
Tgt Ion: 69 Resp: 67  
Ion Ratio Lower Upper  
69 100  
41 114.9 39.1 58.7#  
39 465.7 20.0 30.0#



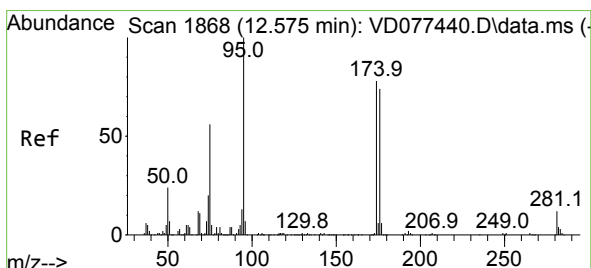
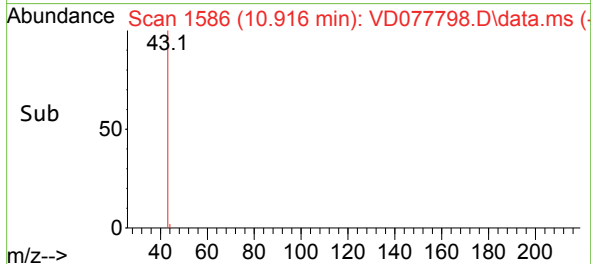
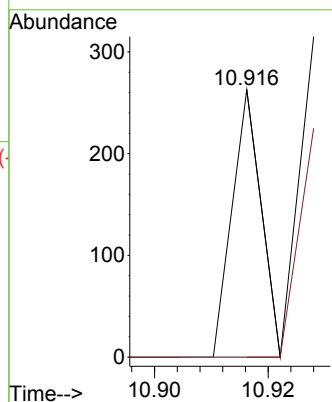


#59  
2-Hexanone  
Concen: 2.842 ug/l  
RT: 10.916 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VD077798.D  
Acq: 08 Dec 2023 18:31

Instrument :  
MSVOA\_D  
ClientSampleId :

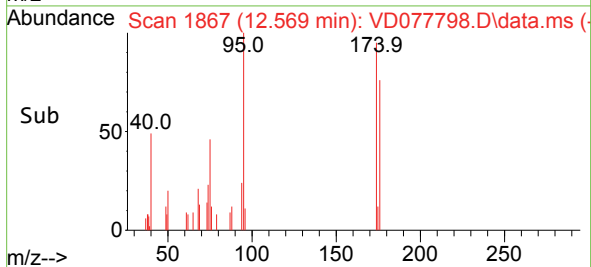
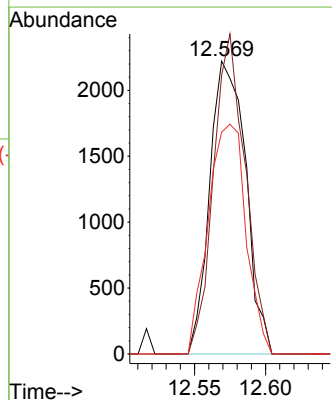
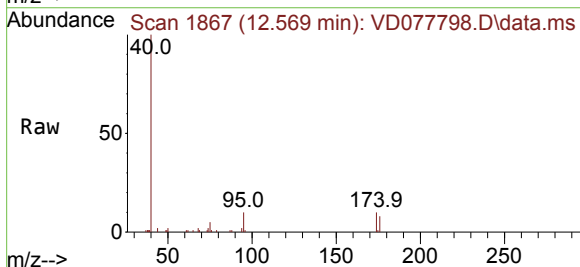


Tgt Ion: 43 Resp: 93  
Ion Ratio Lower Upper  
43 100  
58 84.9 34.1 102.2

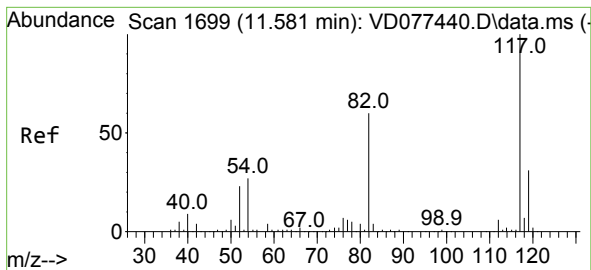


#62  
4-Bromofluorobenzene  
Concen: 46.781 ug/l  
RT: 12.569 min Scan# 1867  
Delta R.T. -0.006 min  
Lab File: VD077798.D  
Acq: 08 Dec 2023 18:31

Tgt Ion: 95 Resp: 3905  
Ion Ratio Lower Upper  
95 100  
174 96.6 0.0 201.8  
176 82.6 0.0 191.8



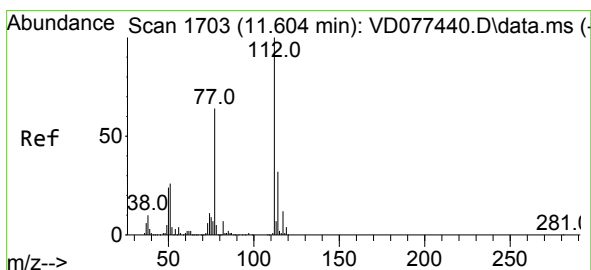
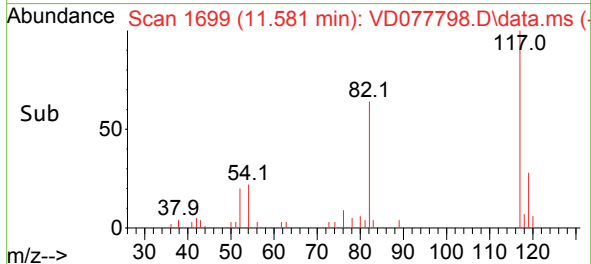
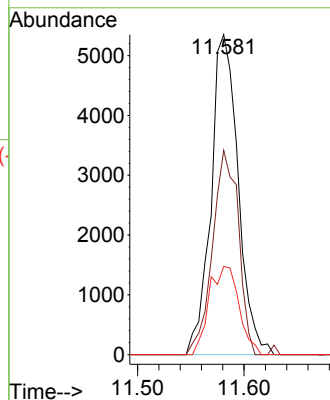
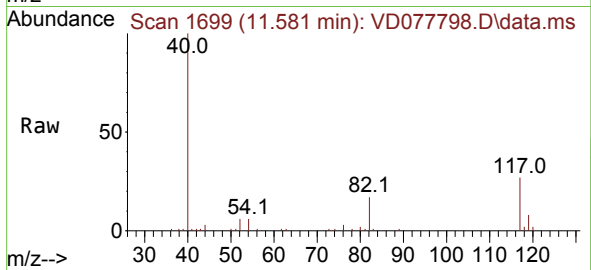




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.581 min Scan# 117  
Delta R.T. -0.000 min  
Lab File: VD077798.D  
Acq: 08 Dec 2023 18:31

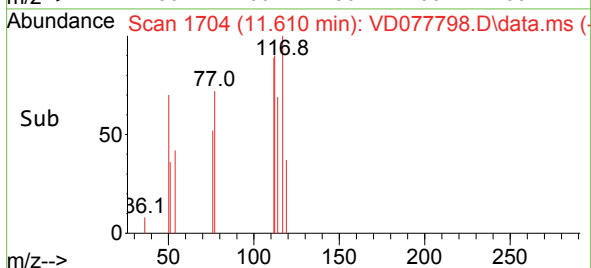
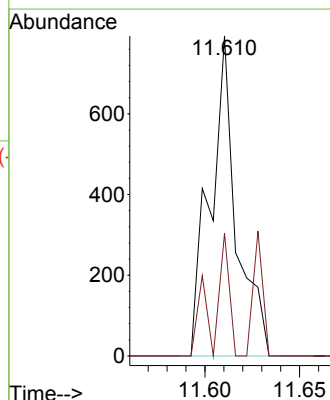
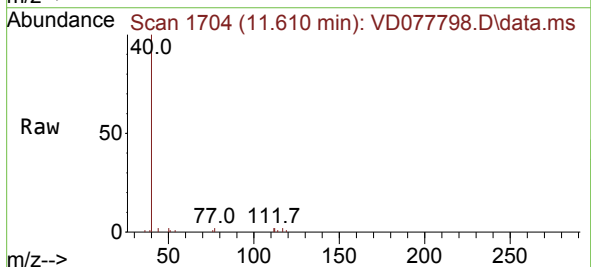
Instrument :  
MSVOA\_D  
ClientSampleId :

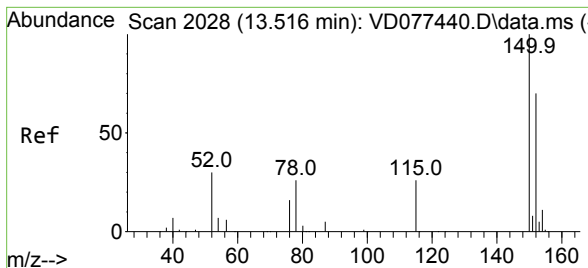
Tgt Ion:117 Resp: 9474  
Ion Ratio Lower Upper  
117 100  
82 63.8 38.3 57.5#  
119 27.5 25.0 37.4



#65  
Chlorobenzene  
Concen: 1.619 ug/l  
RT: 11.610 min Scan# 1704  
Delta R.T. 0.006 min  
Lab File: VD077798.D  
Acq: 08 Dec 2023 18:31

Tgt Ion:112 Resp: 763  
Ion Ratio Lower Upper  
112 100  
114 38.3 25.1 37.7#

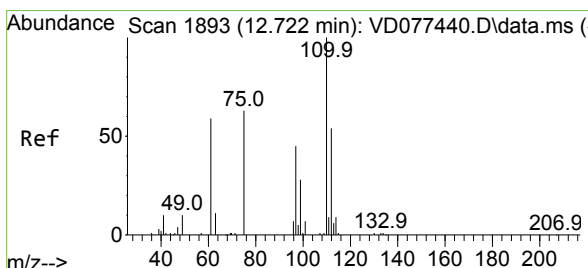
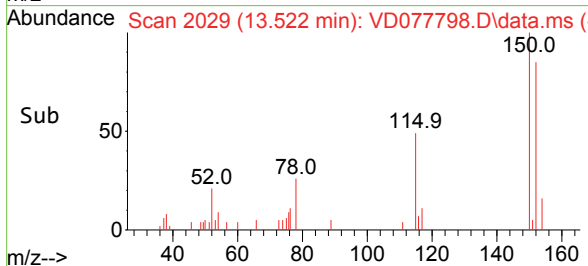
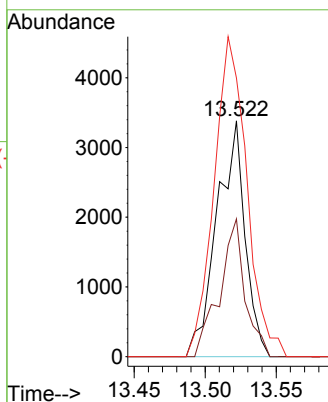
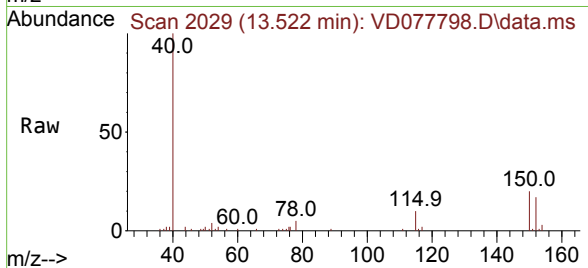




#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 13.522 min Scan# 20  
 Delta R.T. 0.006 min  
 Lab File: VD077798.D  
 Acq: 08 Dec 2023 18:31

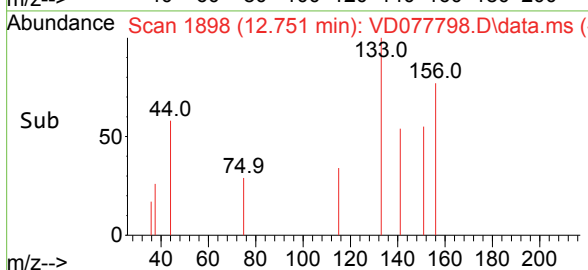
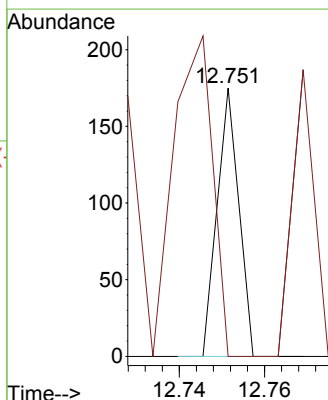
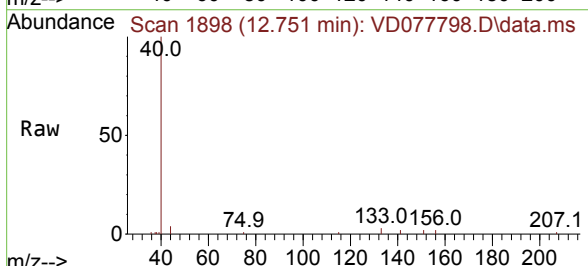
Instrument :  
 MSVOA\_D  
 ClientSampleId :

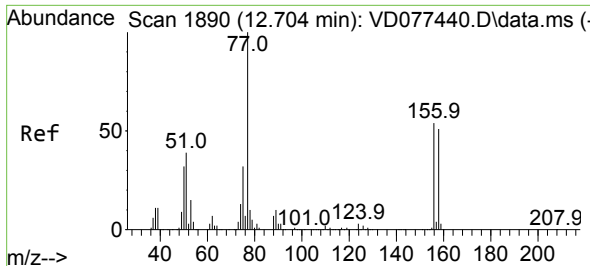
Tgt Ion:152 Resp: 4661  
 Ion Ratio Lower Upper  
 152 100  
 115 52.9 27.1 81.3  
 150 157.8 0.0 353.6



#76  
 1,2,3-Trichloropropane  
 Concen: 1.532 ug/l  
 RT: 12.751 min Scan# 1898  
 Delta R.T. 0.029 min  
 Lab File: VD077798.D  
 Acq: 08 Dec 2023 18:31

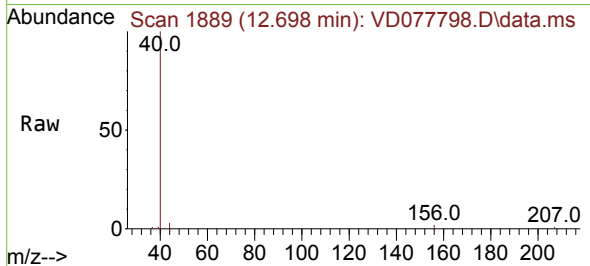
Tgt Ion: 75 Resp: 62  
 Ion Ratio Lower Upper  
 75 100  
 77 212.9 0.0 0.0#



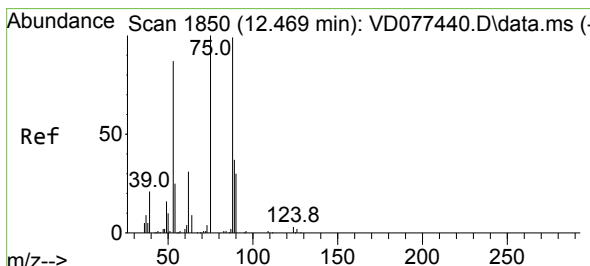
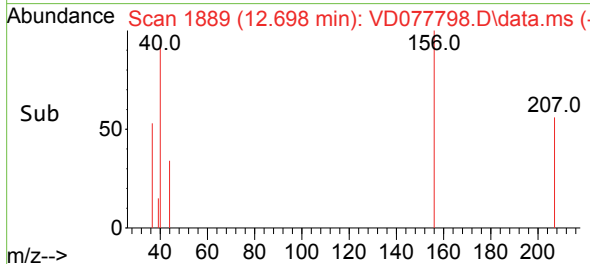
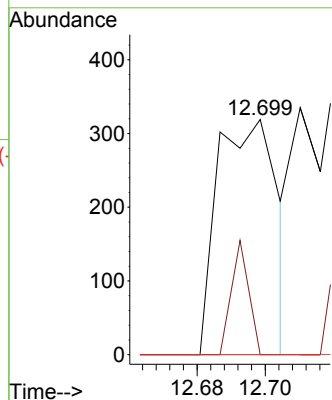


#77  
Bromobenzene  
Concen: 4.706 ug/l  
RT: 12.698 min Scan# 1889  
Delta R.T. -0.006 min  
Lab File: VD077798.D  
Acq: 08 Dec 2023 18:31

Instrument :  
MSVOA\_D  
ClientSampleId :

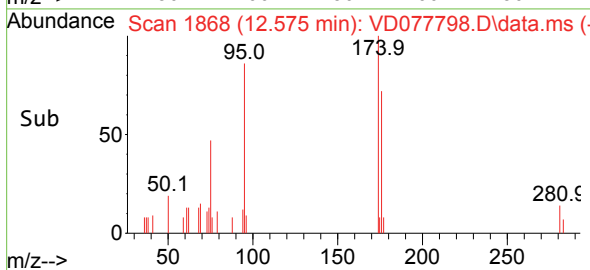
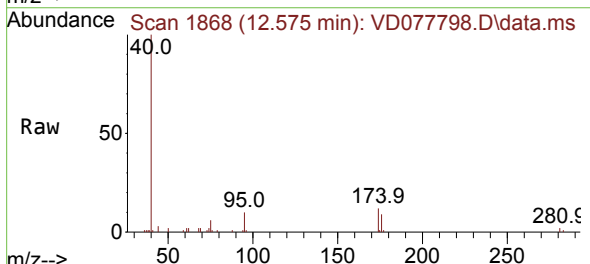
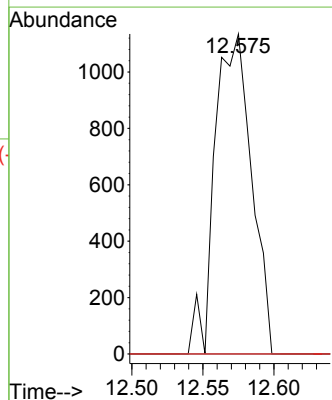


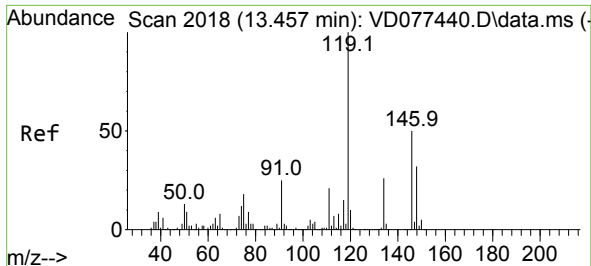
Tgt Ion:156 Resp: 391  
Ion Ratio Lower Upper  
156 100  
77 14.1 76.8 230.4#  
158 0.0 48.6 145.9#



#81  
trans-1,4-Dichloro-2-butene  
Concen: 102.402 ug/l  
RT: 12.575 min Scan# 1868  
Delta R.T. 0.106 min  
Lab File: VD077798.D  
Acq: 08 Dec 2023 18:31

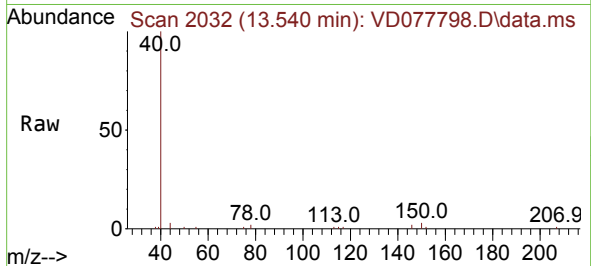
Tgt Ion: 75 Resp: 2046  
Ion Ratio Lower Upper  
75 100  
53 0.0 63.0 94.4#  
89 0.0 37.9 56.9#



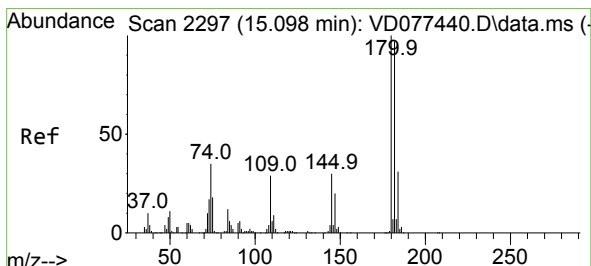
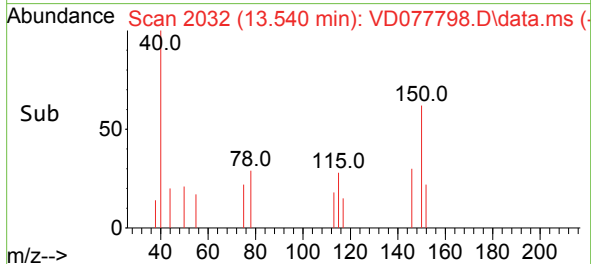
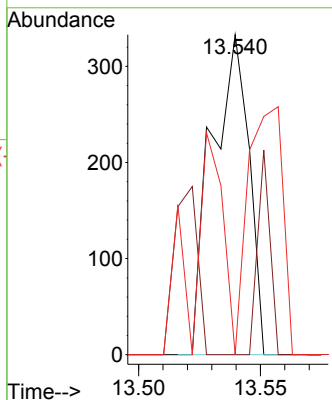


#87  
1,3-Dichlorobenzene  
Concen: 2.072 ug/l  
RT: 13.540 min Scan# 2018  
Delta R.T. 0.083 min  
Lab File: VD077798.D  
Acq: 08 Dec 2023 18:31

Instrument :  
MSVOA\_D  
ClientSampleId :

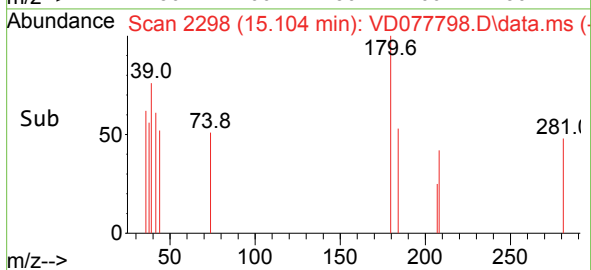
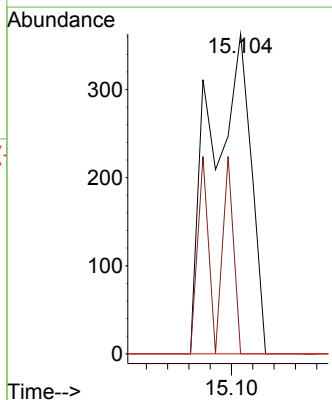
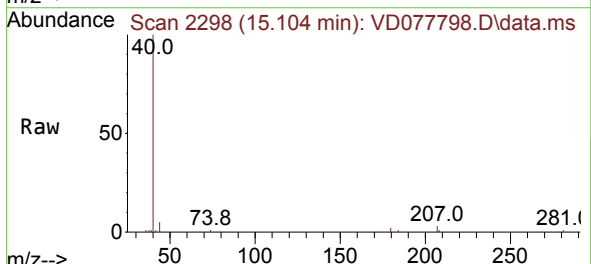


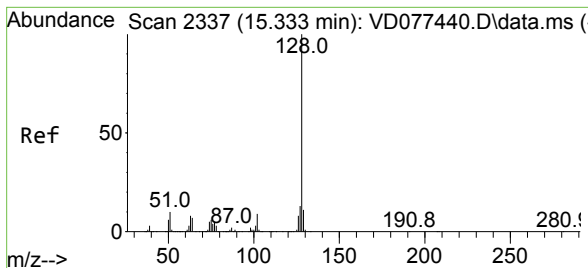
Tgt Ion:146 Resp: 352  
Ion Ratio Lower Upper  
146 100  
111 21.3 17.9 53.8  
148 72.2 32.3 96.8



#93  
1,2,4-Trichlorobenzene  
Concen: 4.741 ug/l  
RT: 15.104 min Scan# 2298  
Delta R.T. 0.006 min  
Lab File: VD077798.D  
Acq: 08 Dec 2023 18:31

Tgt Ion:180 Resp: 468  
Ion Ratio Lower Upper  
180 100  
182 33.8 48.5 145.6#  
145 0.0 14.2 42.6#





#95

Naphthalene

Concen: 12.719 ug/l

RT: 15.328 min Scan# 2336

Delta R.T. -0.005 min

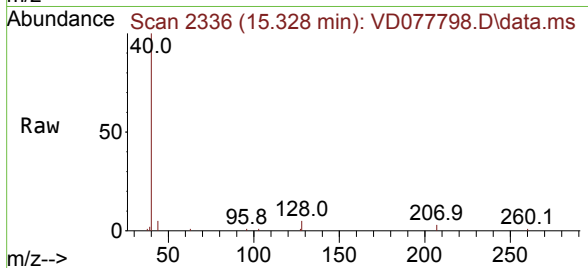
Lab File: VD077798.D

Acq: 08 Dec 2023 18:31

Instrument :

MSVOA\_D

ClientSampleId :



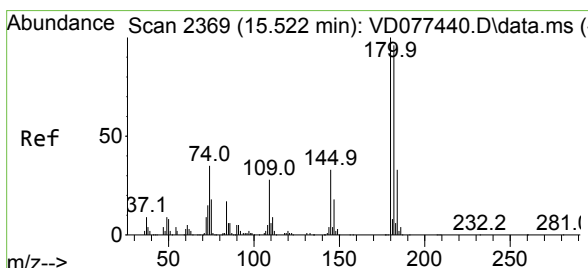
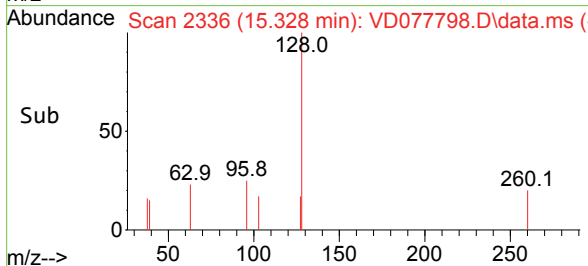
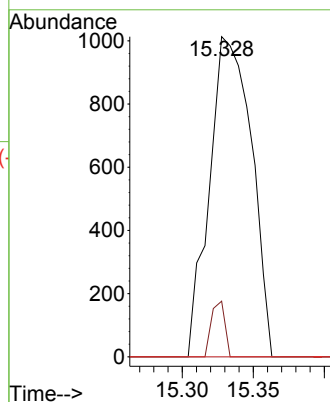
Tgt Ion:128 Resp: 2086

Ion Ratio Lower Upper

128 100

127 17.4 10.5 15.7#

129 0.0 8.7 13.1#



#96

1,2,3-Trichlorobenzene

Concen: 2.753 ug/l

RT: 15.522 min Scan# 2369

Delta R.T. -0.000 min

Lab File: VD077798.D

Acq: 08 Dec 2023 18:31

Tgt Ion:180 Resp: 224

Ion Ratio Lower Upper

180 100

182 188.4 47.3 141.9#

145 0.0 15.1 45.3#

