

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD111724\  
 Data File : VD080047.D  
 Acq On : 17 Nov 2024 17:34  
 Operator : RP/MD  
 Sample : P4833-07  
 Misc : 4.33G/5ml/MSVOA\_D/SOIL/B  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :

Quant Time: Nov 18 04:26:10 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D111524S.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Nov 15 16:25:47 2024  
 Response via : Initial Calibration

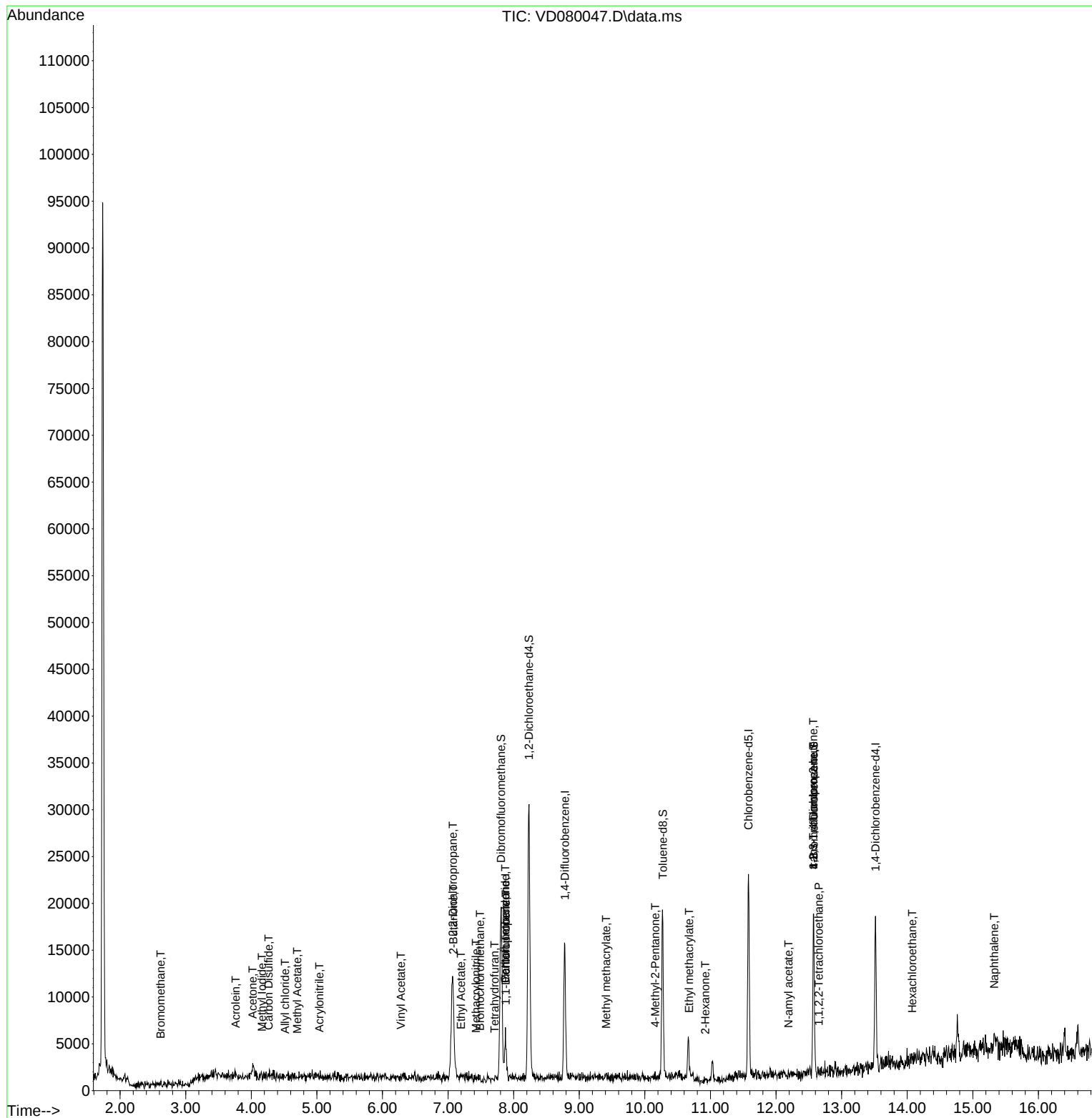
| Compound                      | R.T.           | QIon | Response | Conc         | Units  | Dev(Min) |
|-------------------------------|----------------|------|----------|--------------|--------|----------|
| -----                         |                |      |          |              |        |          |
| Internal Standards            |                |      |          |              |        |          |
| 1) Pentafluorobenzene         | 7.875          | 168  | 4055     | 50.000       | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene       | 8.781          | 114  | 12870    | 50.000       | ug/l   | 0.00     |
| 63) Chlorobenzene-d5          | 11.581         | 117  | 12566    | 50.000       | ug/l   | # 0.00   |
| 72) 1,4-Dichlorobenzene-d4    | 13.516         | 152  | 4240     | 50.000       | ug/l   | 0.00     |
| System Monitoring Compounds   |                |      |          |              |        |          |
| 33) 1,2-Dichloroethane-d4     | 8.234          | 65   | 22943    | 549.531      | ug/l   | 0.00     |
| Spiked Amount 50.000          | Range 50 - 163 |      | Recovery | = 1099.060%# |        |          |
| 35) Dibromofluoromethane      | 7.810          | 113  | 13983    | 163.250      | ug/l   | 0.00     |
| Spiked Amount 50.000          | Range 54 - 147 |      | Recovery | = 326.500%#  |        |          |
| 50) Toluene-d8                | 10.275         | 98   | 12728    | 39.426       | ug/l   | 0.00     |
| Spiked Amount 50.000          | Range 58 - 134 |      | Recovery | = 78.860%    |        |          |
| 62) 4-Bromofluorobenzene      | 12.575         | 95   | 5258     | 49.643       | ug/l   | 0.00     |
| Spiked Amount 50.000          | Range 30 - 143 |      | Recovery | = 99.280%    |        |          |
| Target Compounds              |                |      |          |              |        |          |
|                               |                |      |          |              |        | Qvalue   |
| 5) Bromomethane               | 2.616          | 94   | 53       | 1.196        | ug/l # | 2        |
| 10) Methyl Iodide             | 4.163          | 142  | 72       | 1.388        | ug/l # | 40       |
| 13) Acrolein                  | 3.763          | 56   | 69       | 16.551       | ug/l # | 13       |
| 14) Allyl chloride            | 4.516          | 41   | 65       | 1.091        | ug/l # | 24       |
| 15) Acrylonitrile             | 5.040          | 53   | 67       | 7.698        | ug/l # | 17       |
| 16) Acetone                   | 4.022          | 43   | 1772     | 195.615      | ug/l # | 24       |
| 17) Carbon Disulfide          | 4.263          | 76   | 308      | 2.276        | ug/l # | 74       |
| 18) Methyl Acetate            | 4.699          | 43   | 68       | 3.385        | ug/l # | 49       |
| 23) Vinyl Acetate             | 6.281          | 43   | 74       | 1.071        | ug/l # | 70       |
| 25) 2-Butanone                | 7.081          | 43   | 534      | 45.111       | ug/l # | 41       |
| 26) 2,2-Dichloropropane       | 7.075          | 77   | 674      | 9.666        | ug/l # | 51       |
| 28) Bromochloromethane        | 7.487          | 49   | 57       | 1.597        | ug/l # | 10       |
| 29) Tetrahydrofuran           | 7.710          | 42   | 61       | 9.407        | ug/l # | 32       |
| 36) 1,1-Dichloropropene       | 7.881          | 75   | 376      | 3.210        | ug/l # | 40       |
| 37) Ethyl Acetate             | 7.199          | 43   | 70       | 1.390        | ug/l # | 68       |
| 38) Carbon Tetrachloride      | 7.875          | 117  | 235      | 1.836        | ug/l # | 14       |
| 41) Methacrylonitrile         | 7.428          | 41   | 69       | 2.540        | ug/l # | 16       |
| 48) Methyl methacrylate       | 9.410          | 41   | 55       | 1.262        | ug/l # | 11       |
| 51) 4-Methyl-2-Pentanone      | 10.157         | 43   | 63       | 1.361        | ug/l # | 34       |
| 56) Ethyl methacrylate        | 10.675         | 69   | 122      | 1.554        | ug/l # | 64       |
| 59) 2-Hexanone                | 10.922         | 43   | 54       | 1.586        | ug/l # | 24       |
| 74) N-amyl acetate            | 12.192         | 43   | 73       | 1.212        | ug/l # | 1        |
| 75) 1,1,2,2-Tetrachloroethane | 12.651         | 83   | 56       | 1.066        | ug/l # | 25       |
| 76) 1,2,3-Trichloropropane    | 12.569         | 75   | 2601     | 69.471       | ug/l # | 100      |
| 81) trans-1,4-Dichloro-2-b... | 12.569         | 75   | 2601     | 142.182      | ug/l # | 15       |
| 90) Hexachloroethane          | 14.075         | 117  | 70       | 1.304        | ug/l # | 12       |
| 95) Naphthalene               | 15.328         | 128  | 1681     | 12.578       | ug/l # | 67       |
| -----                         |                |      |          |              |        |          |

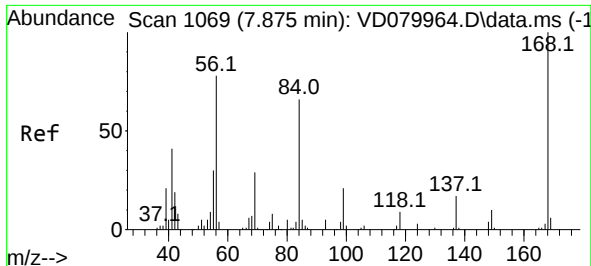
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 12 Sample Multiplier: 1

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MSVOA\_D  
ClientSampleId :

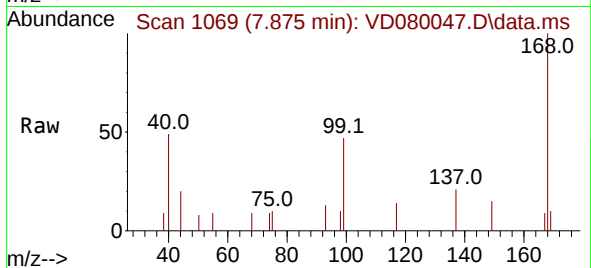
Quant Time: Nov 18 04:26:10 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D111524S.M  
Quant Title : SW846 8260  
QLast Update : Fri Nov 15 16:25:47 2024  
Response via : Initial Calibration



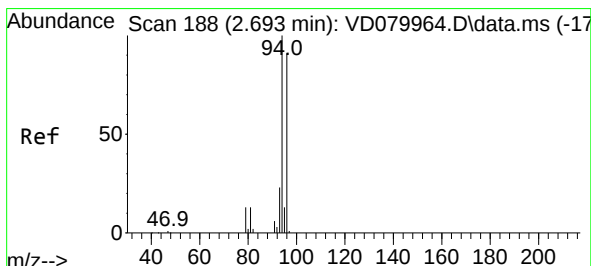
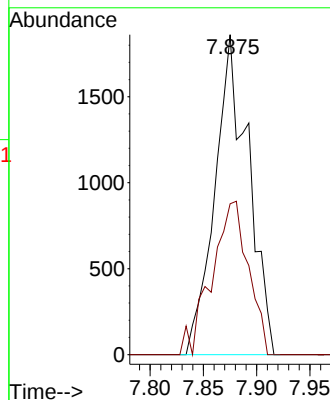
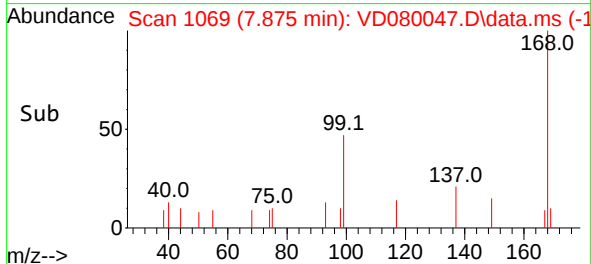


#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.875 min Scan# 1069  
Delta R.T. -0.000 min  
Lab File: VD080047.D  
Acq: 17 Nov 2024 17:34

Instrument :  
MSVOA\_D  
ClientSampleId :

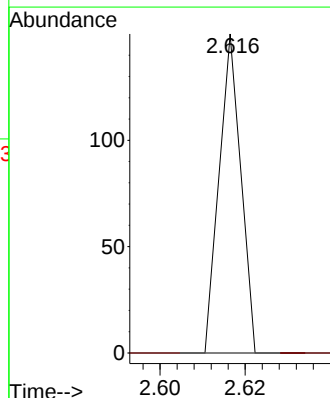
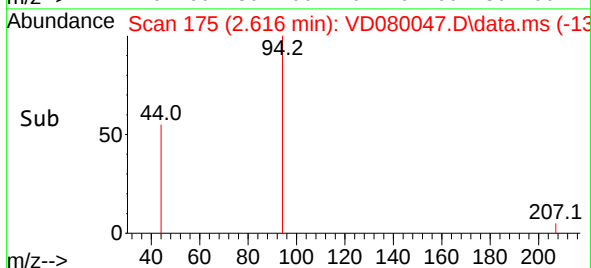
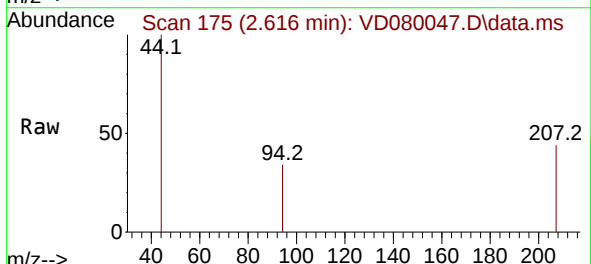


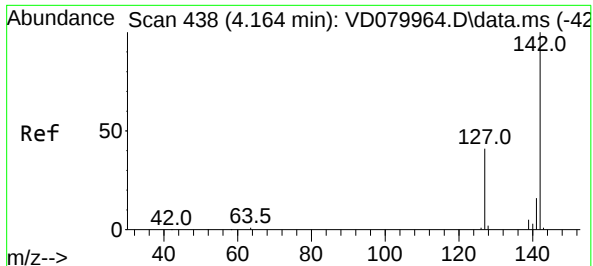
Tgt Ion:168 Resp: 4055  
Ion Ratio Lower Upper  
168 100  
99 47.1 46.0 69.0



#5  
Bromomethane  
Concen: 1.196 ug/l  
RT: 2.616 min Scan# 175  
Delta R.T. -0.077 min  
Lab File: VD080047.D  
Acq: 17 Nov 2024 17:34

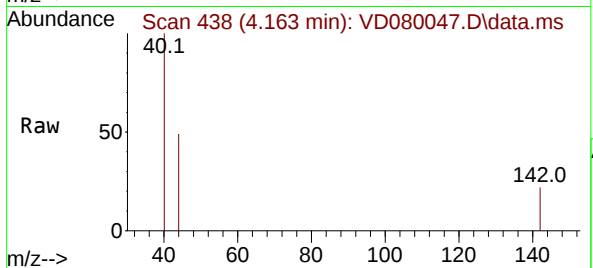
Tgt Ion: 94 Resp: 53  
Ion Ratio Lower Upper  
94 100  
96 0.0 76.2 114.2#



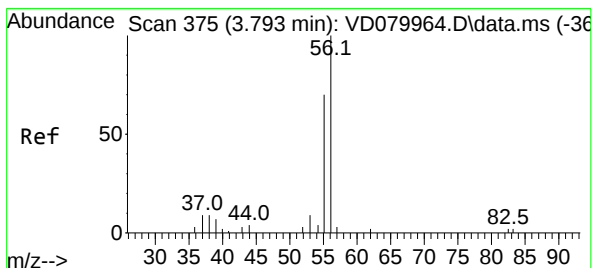
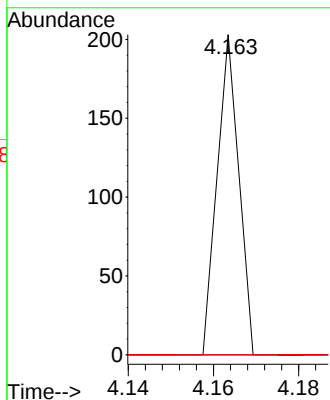
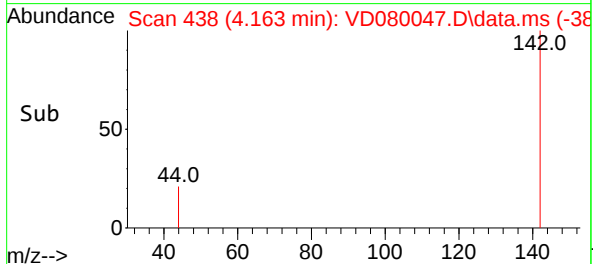


#10  
Methyl Iodide  
Concen: 1.388 ug/l  
RT: 4.163 min Scan# 41  
Delta R.T. -0.001 min  
Lab File: VD080047.D  
Acq: 17 Nov 2024 17:34

Instrument :  
MSVOA\_D  
ClientSampleId :

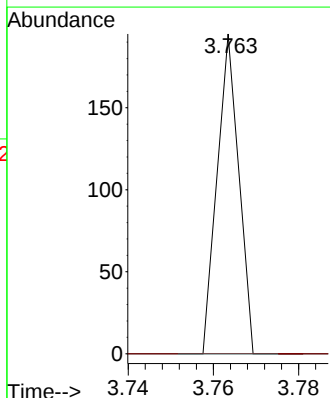
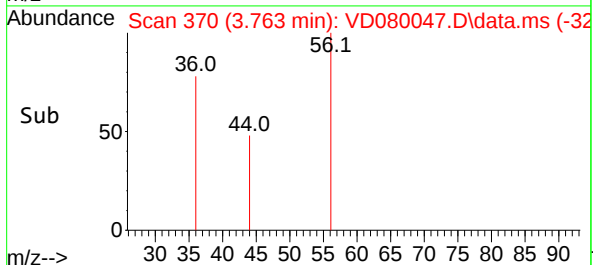
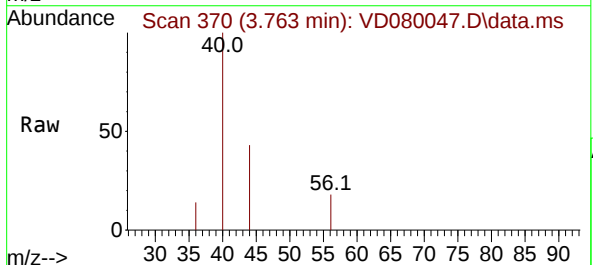


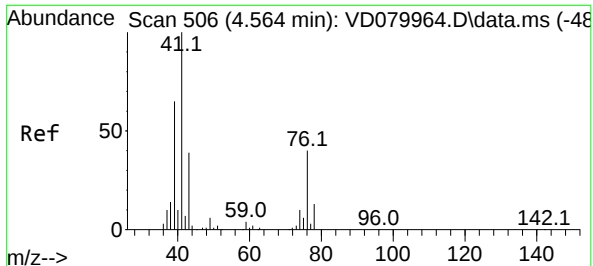
Tgt Ion:142 Resp: 72  
Ion Ratio Lower Upper  
142 100  
127 0.0 35.3 52.9#  
141 0.0 12.2 18.2#



#13  
Acrolein  
Concen: 16.551 ug/l  
RT: 3.763 min Scan# 370  
Delta R.T. -0.030 min  
Lab File: VD080047.D  
Acq: 17 Nov 2024 17:34

Tgt Ion: 56 Resp: 69  
Ion Ratio Lower Upper  
56 100  
55 0.0 58.2 87.2#





#14

Allyl chloride

Concen: 1.091 ug/l

RT: 4.516 min Scan# 498

Delta R.T. -0.048 min

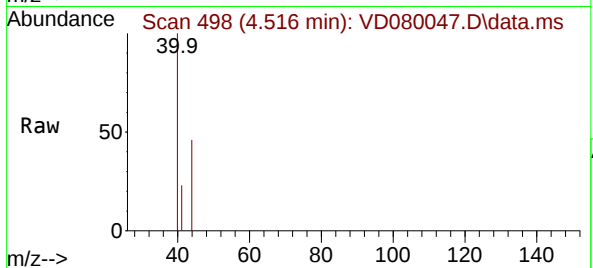
Lab File: VD080047.D

Acq: 17 Nov 2024 17:34

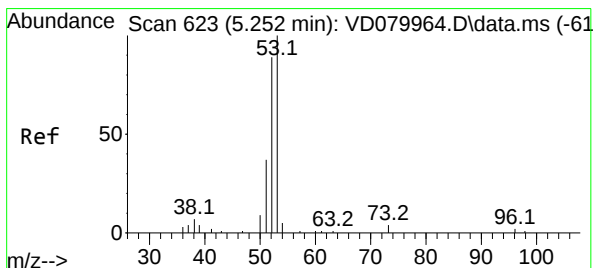
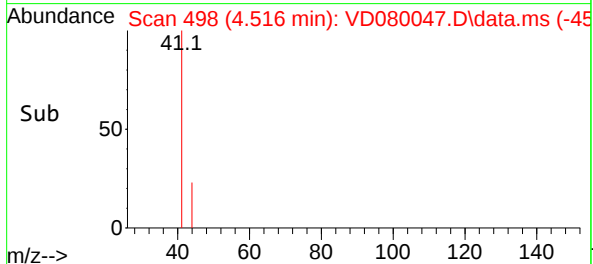
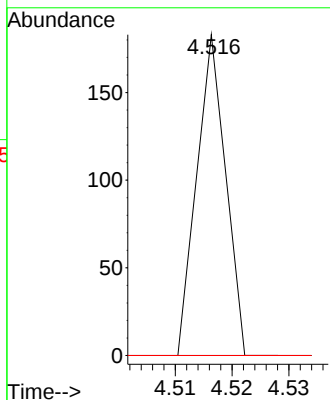
Instrument :

MSVOA\_D

ClientSampleId :



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 65    |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 0.0   | 53.3  | 79.9# |
| 76       | 0.0   | 32.0  | 48.0# |



#15

Acrylonitrile

Concen: 7.698 ug/l

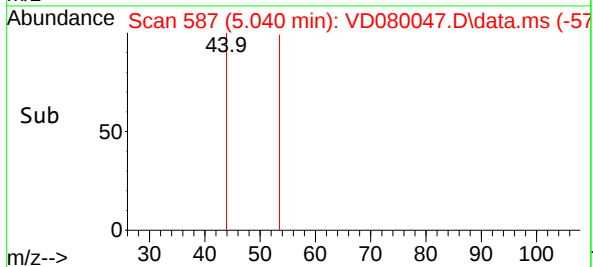
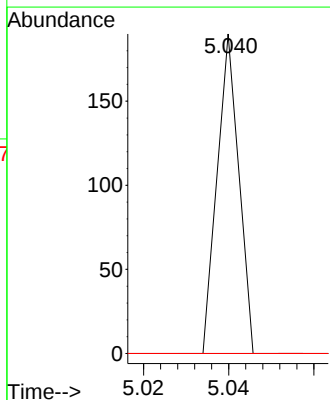
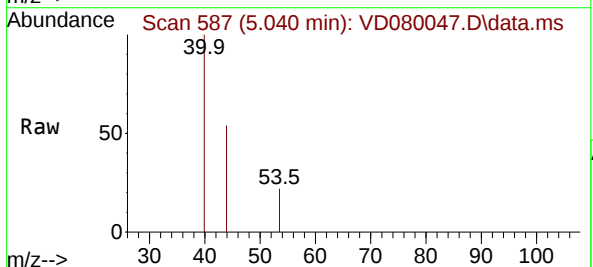
RT: 5.040 min Scan# 587

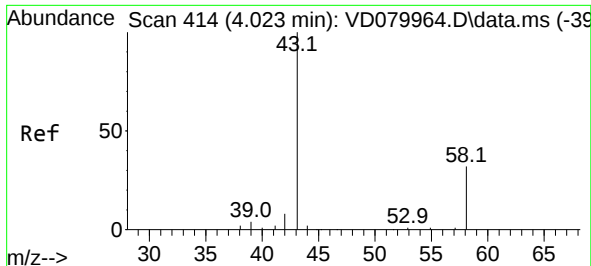
Delta R.T. -0.212 min

Lab File: VD080047.D

Acq: 17 Nov 2024 17:34

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 53    | Resp: | 67    |
| Ion      | Ratio | Lower | Upper |
| 53       | 100   |       |       |
| 52       | 0.0   | 66.2  | 99.4# |
| 51       | 0.0   | 30.3  | 45.5# |

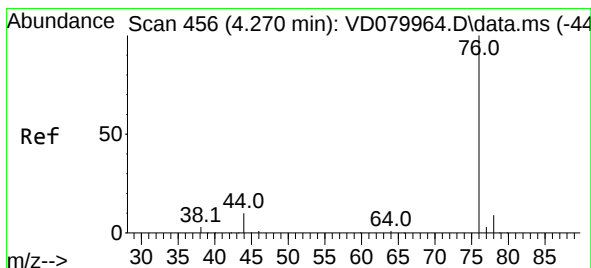
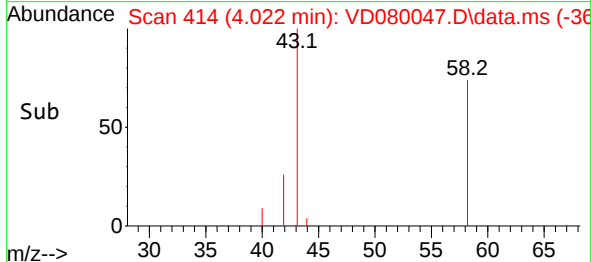
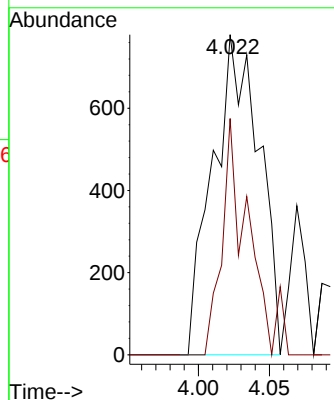
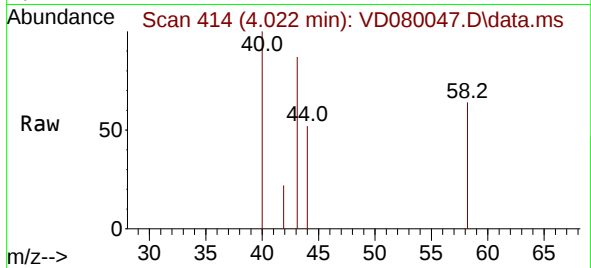




#16  
Acetone  
Concen: 195.615 ug/l  
RT: 4.022 min Scan# 414  
Delta R.T. -0.001 min  
Lab File: VD080047.D  
Acq: 17 Nov 2024 17:34

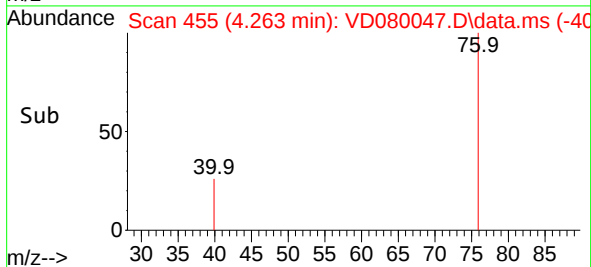
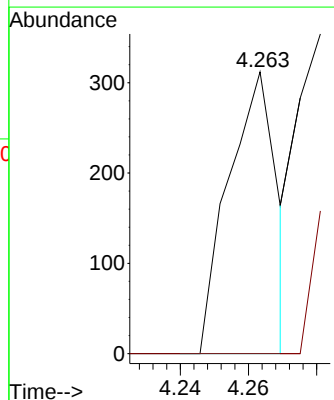
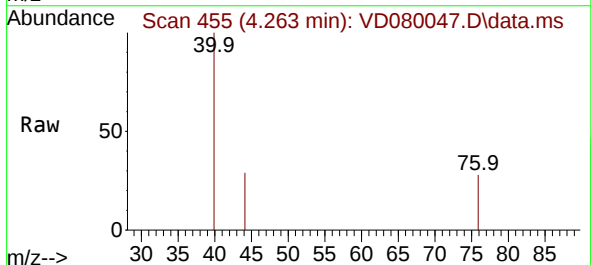
Instrument :  
MSVOA\_D  
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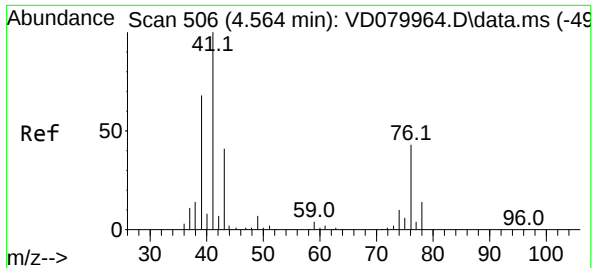
Tgt Ion: 43 Resp: 1772  
Ion Ratio Lower Upper  
43 100  
58 73.8 25.4 38.2#



#17  
Carbon Disulfide  
Concen: 2.276 ug/l  
RT: 4.263 min Scan# 455  
Delta R.T. -0.007 min  
Lab File: VD080047.D  
Acq: 17 Nov 2024 17:34

Tgt Ion: 76 Resp: 308  
Ion Ratio Lower Upper  
76 100  
78 0.0 7.5 11.3#

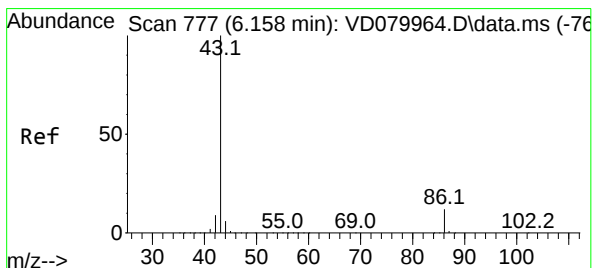
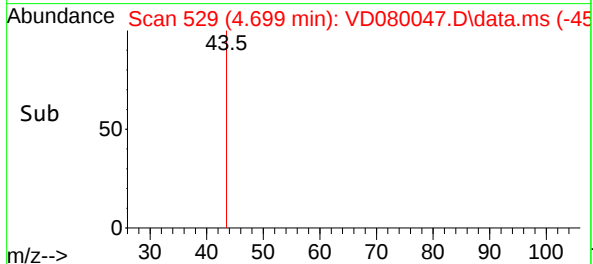
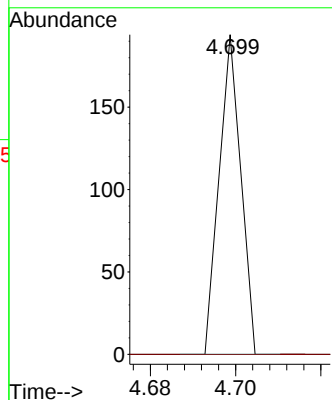
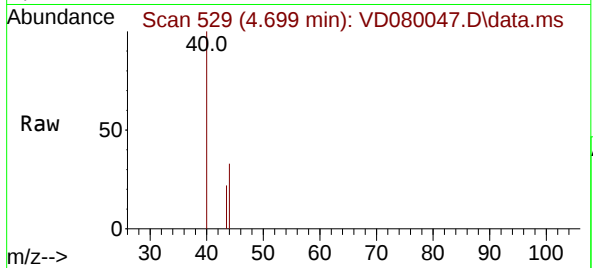




#18  
Methyl Acetate  
Concen: 3.385 ug/l  
RT: 4.699 min Scan# 51  
Delta R.T. 0.135 min  
Lab File: VD080047.D  
Acq: 17 Nov 2024 17:34

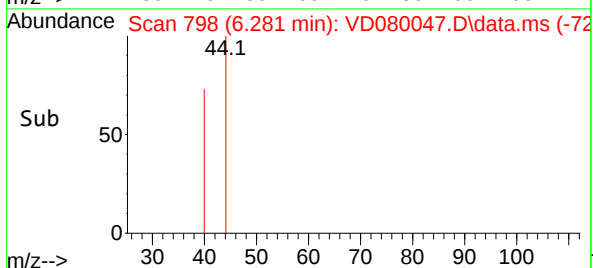
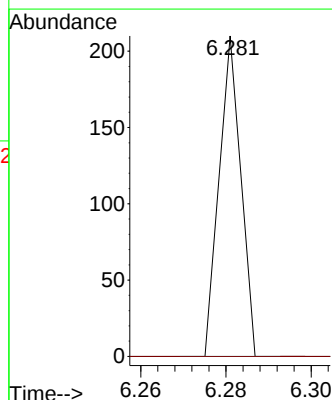
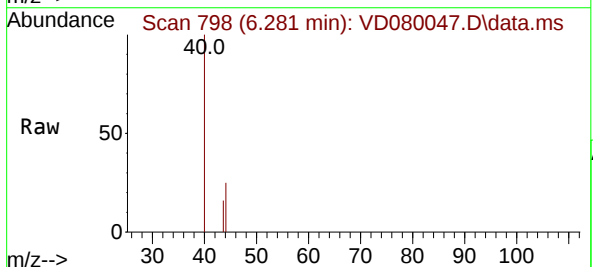
Instrument :  
MSVOA\_D  
ClientSampleId :

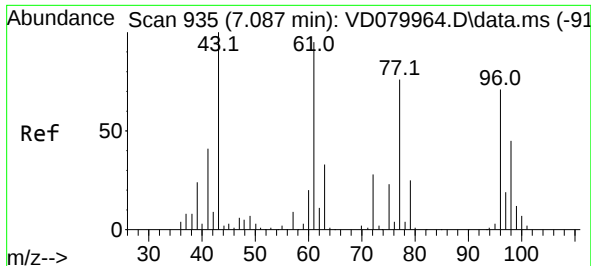
Tgt Ion: 43 Resp: 68  
Ion Ratio Lower Upper  
43 100  
74 0.0 20.5 30.7#



#23  
Vinyl Acetate  
Concen: 1.071 ug/l  
RT: 6.281 min Scan# 798  
Delta R.T. 0.123 min  
Lab File: VD080047.D  
Acq: 17 Nov 2024 17:34

Tgt Ion: 43 Resp: 74  
Ion Ratio Lower Upper  
43 100  
86 0.0 9.4 14.0#





#25

2-Butanone

Concen: 45.111 ug/l

RT: 7.081 min Scan# 91

Delta R.T. -0.006 min MSVOA\_D

Lab File: VD080047.D

Acq: 17 Nov 2024 17:34

Instrument :

MSVOA\_D

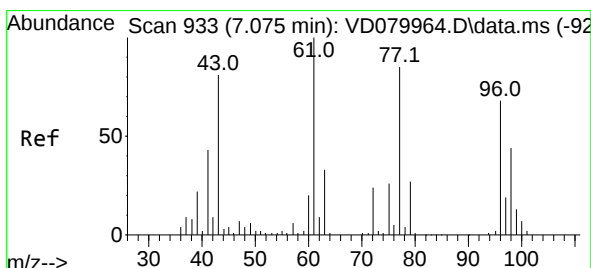
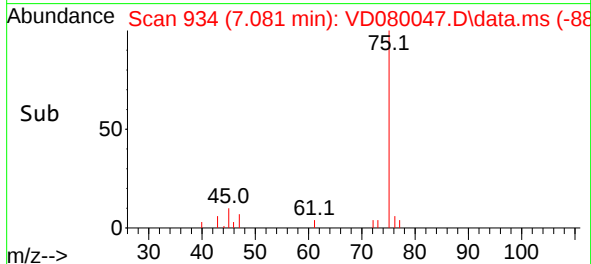
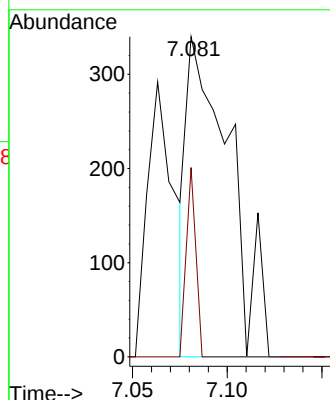
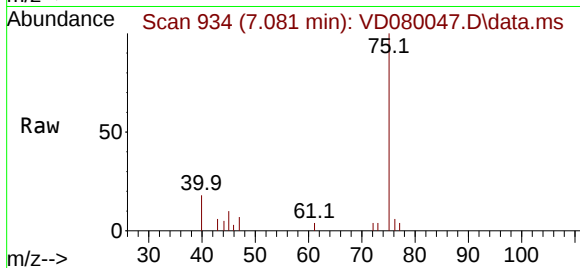
ClientSampleId :

Tgt Ion: 43 Resp: 534

Ion Ratio Lower Upper

43 100

72 59.1 22.3 33.5#



#26

2,2-Dichloropropane

Concen: 9.666 ug/l

RT: 7.075 min Scan# 933

Delta R.T. 0.000 min

Lab File: VD080047.D

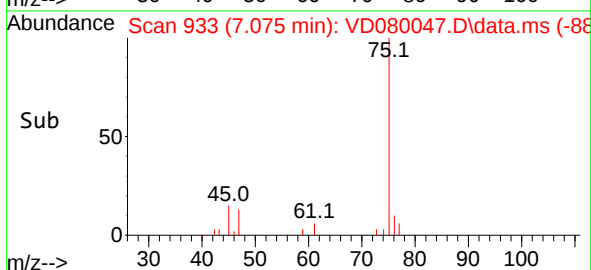
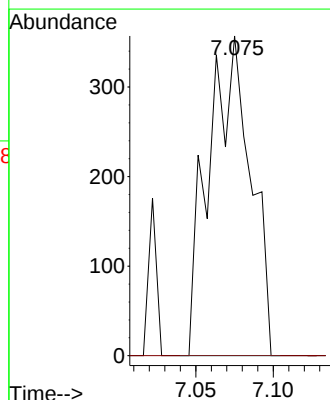
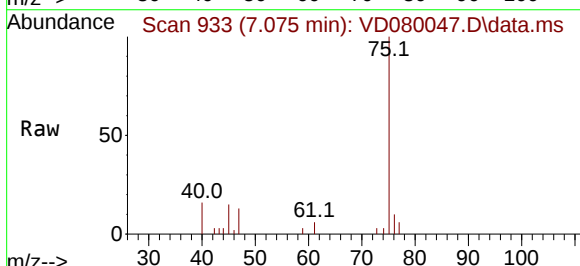
Acq: 17 Nov 2024 17:34

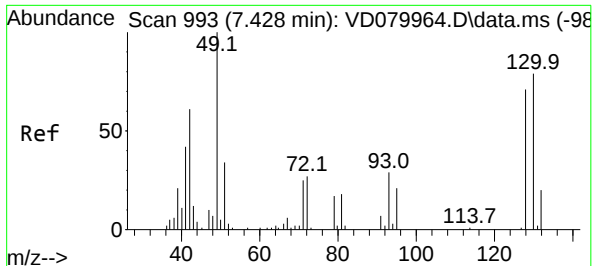
Tgt Ion: 77 Resp: 674

Ion Ratio Lower Upper

77 100

97 0.0 11.9 35.9#





#28

Bromochloromethane

Concen: 1.597 ug/l

RT: 7.487 min Scan# 1003

Delta R.T. 0.059 min

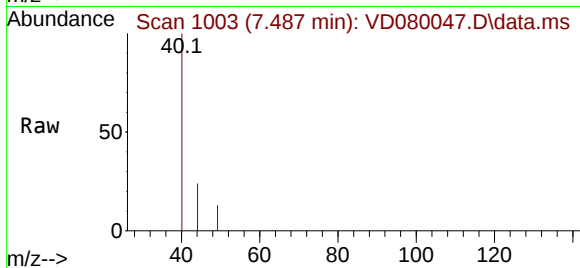
Lab File: VD080047.D

Acq: 17 Nov 2024 17:34

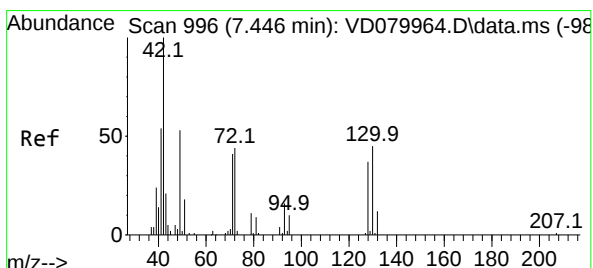
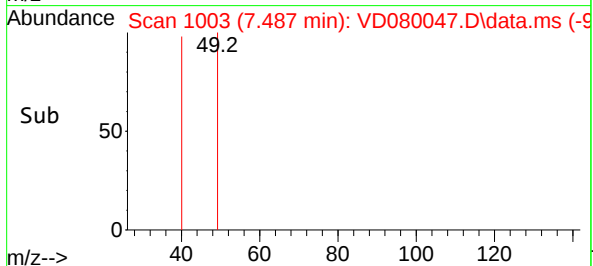
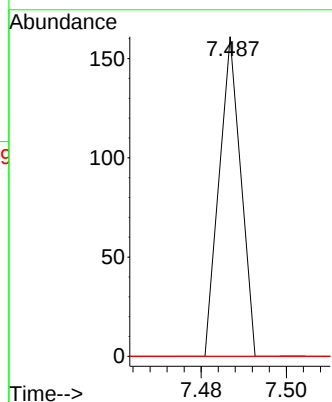
Instrument :

MSVOA\_D

ClientSampleId :



|             |                |
|-------------|----------------|
| Tgt Ion: 49 | Resp: 57       |
| Ion Ratio   | Lower Upper    |
| 49          | 100            |
| 129         | 0.0 0.0 2.2    |
| 130         | 0.0 64.6 97.0# |



#29

Tetrahydrofuran

Concen: 9.407 ug/l

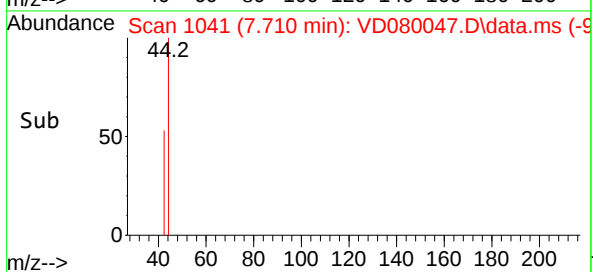
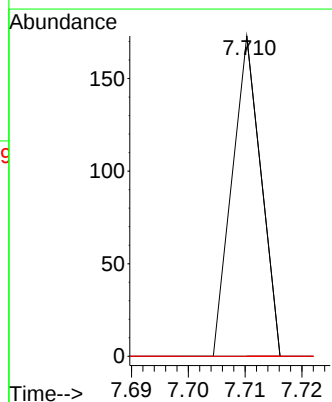
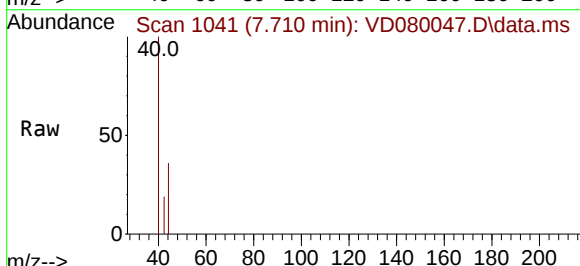
RT: 7.710 min Scan# 1041

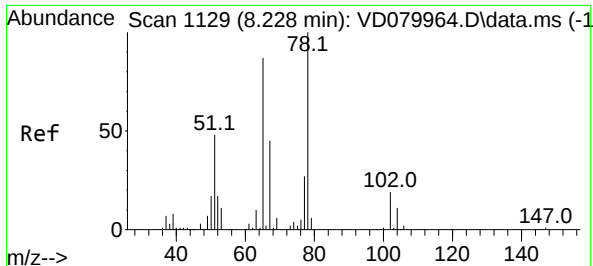
Delta R.T. 0.264 min

Lab File: VD080047.D

Acq: 17 Nov 2024 17:34

|             |                |
|-------------|----------------|
| Tgt Ion: 42 | Resp: 61       |
| Ion Ratio   | Lower Upper    |
| 42          | 100            |
| 72          | 0.0 36.7 55.1# |
| 71          | 0.0 34.4 51.6# |





#33

1,2-Dichloroethane-d4

Concen: 549.531 ug/l

RT: 8.234 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VD080047.D

Acq: 17 Nov 2024 17:34

Instrument :

MSVOA\_D

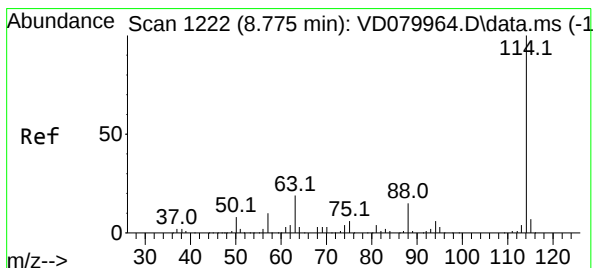
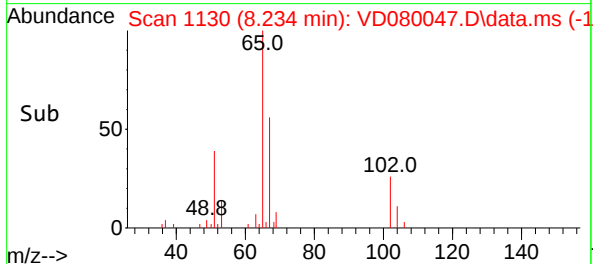
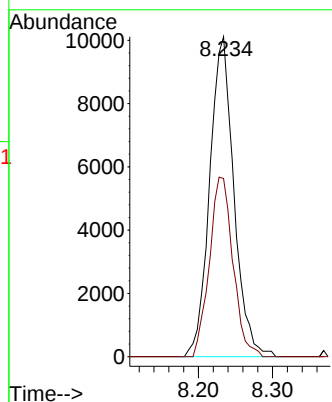
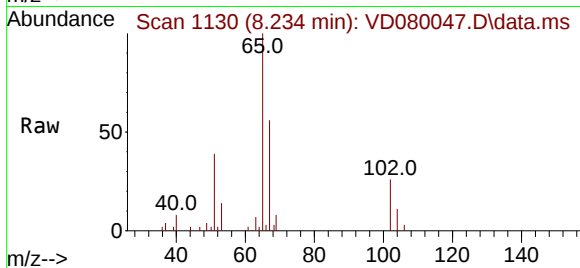
ClientSampleId :

Tgt Ion: 65 Resp: 22943

Ion Ratio Lower Upper

65 100

67 54.5 0.0 109.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. 0.006 min

Lab File: VD080047.D

Acq: 17 Nov 2024 17:34

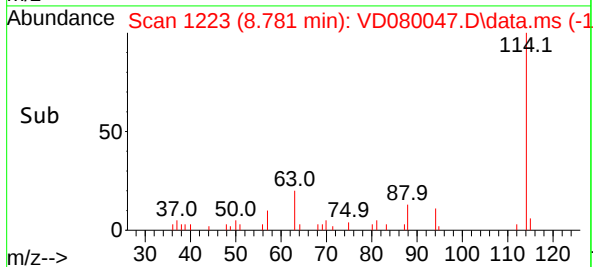
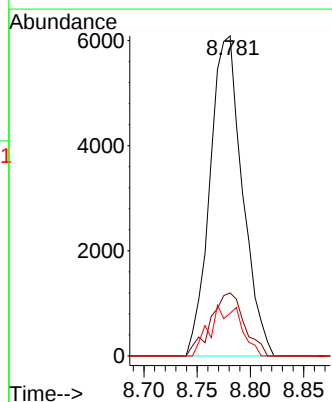
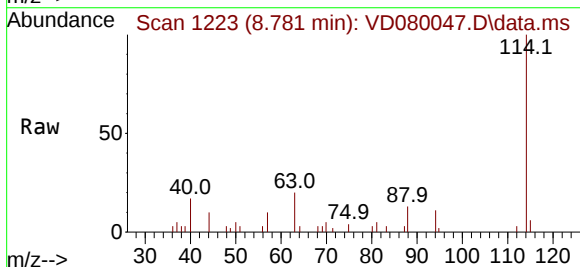
Tgt Ion: 114 Resp: 12870

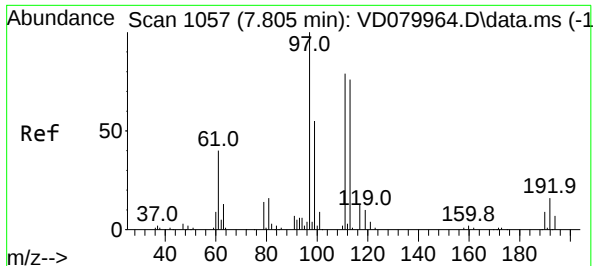
Ion Ratio Lower Upper

114 100

63 19.7 0.0 38.8

88 13.3 0.0 30.6





#35

Dibromofluoromethane

Concen: 163.250 ug/l

RT: 7.810 min Scan# 1057

Delta R.T. 0.005 min

Lab File: VD080047.D

Acq: 17 Nov 2024 17:34

Instrument :

MSVOA\_D

ClientSampleId :

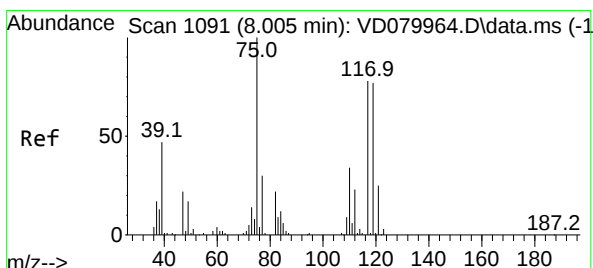
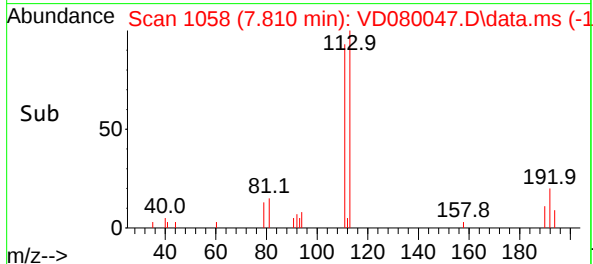
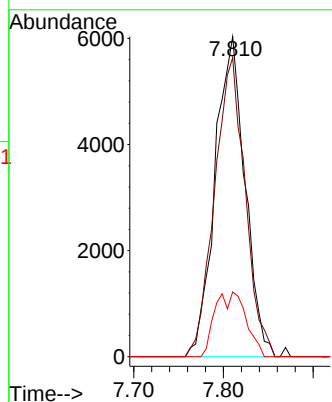
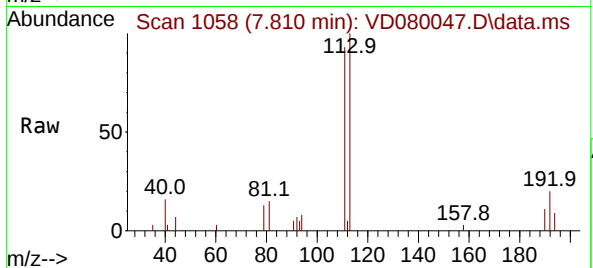
Tgt Ion:113 Resp: 13983

Ion Ratio Lower Upper

113 100

111 95.3 82.5 123.7

192 9.9 16.6 25.0#



#36

1,1-Dichloropropene

Concen: 3.210 ug/l

RT: 7.881 min Scan# 1070

Delta R.T. -0.124 min

Lab File: VD080047.D

Acq: 17 Nov 2024 17:34

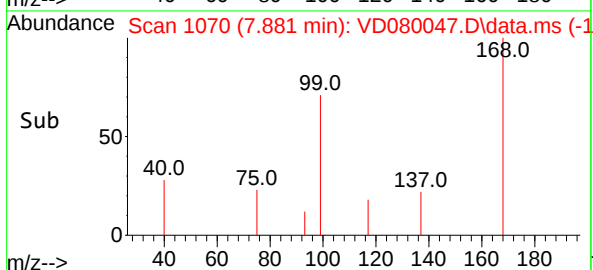
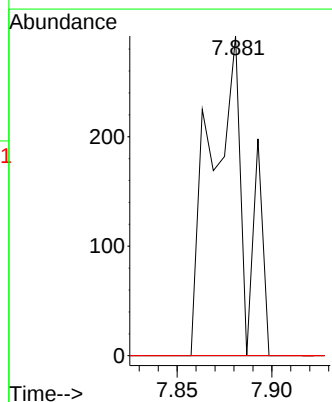
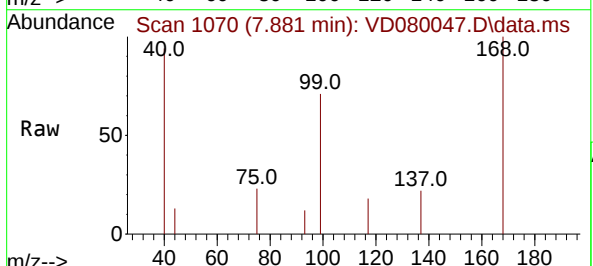
Tgt Ion: 75 Resp: 376

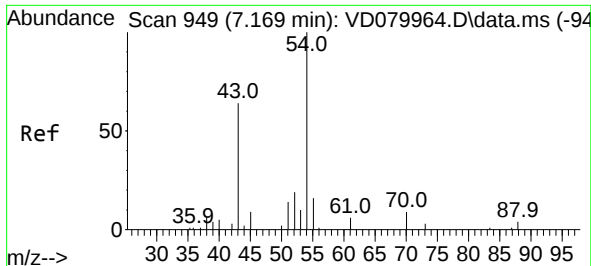
Ion Ratio Lower Upper

75 100

110 0.0 18.4 55.0#

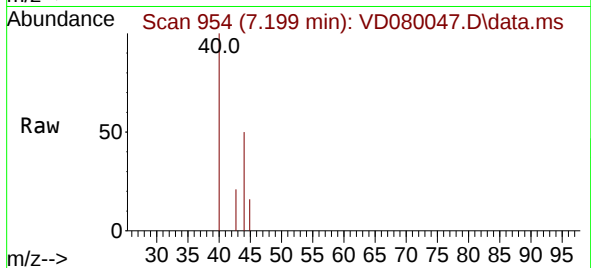
77 0.0 25.6 38.4#



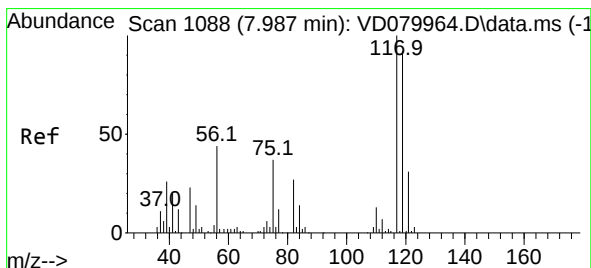
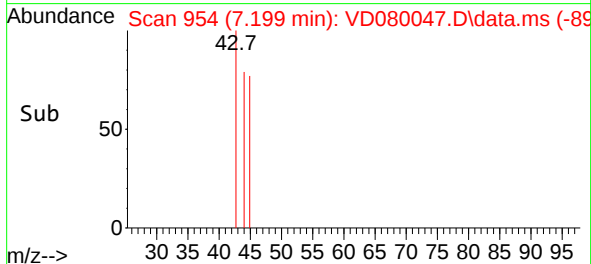
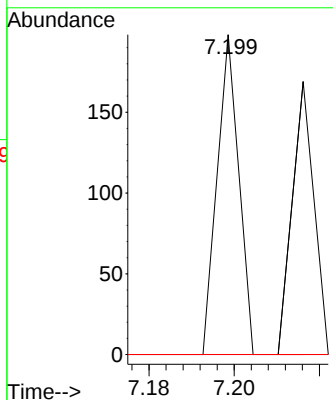


#37  
Ethyl Acetate  
Concen: 1.390 ug/l  
RT: 7.199 min Scan# 91  
Delta R.T. 0.030 min  
Lab File: VD080047.D  
Acq: 17 Nov 2024 17:34

Instrument :  
MSVOA\_D  
ClientSampleId :

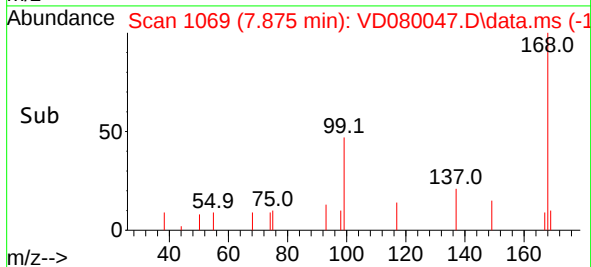
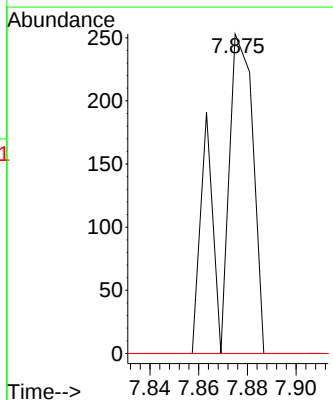
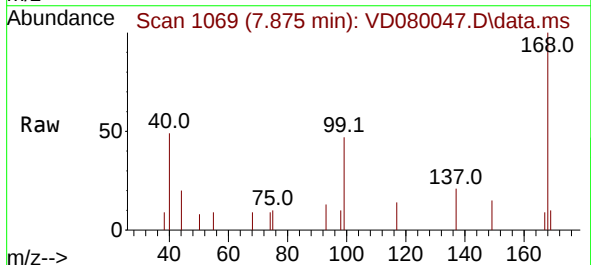


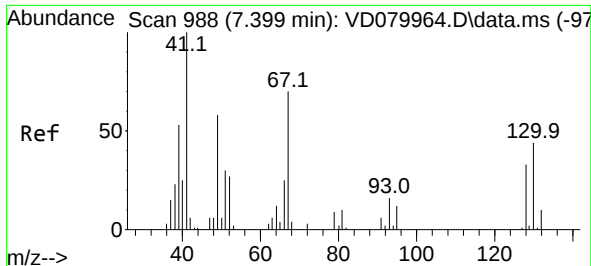
Tgt Ion: 43 Resp: 70  
Ion Ratio Lower Upper  
43 100  
61 0.0 11.0 16.4#  
70 0.0 9.4 14.2#



#38  
Carbon Tetrachloride  
Concen: 1.836 ug/l  
RT: 7.875 min Scan# 1069  
Delta R.T. -0.112 min  
Lab File: VD080047.D  
Acq: 17 Nov 2024 17:34

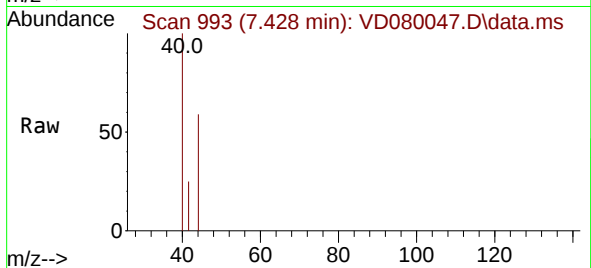
Tgt Ion: 117 Resp: 235  
Ion Ratio Lower Upper  
117 100  
119 0.0 73.4 110.0#  
121 0.0 24.5 36.7#



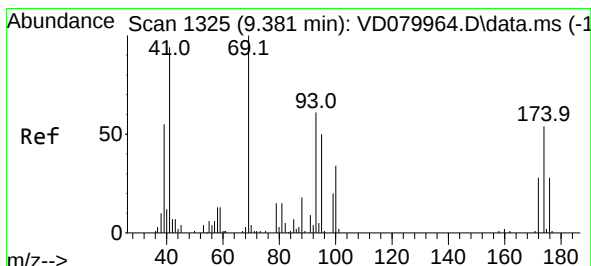
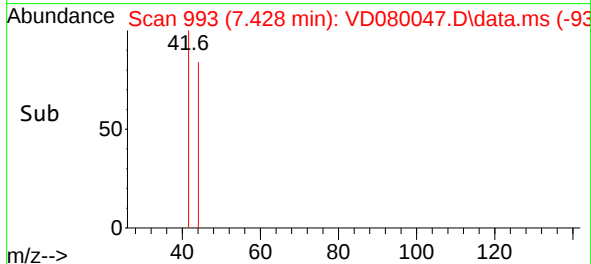
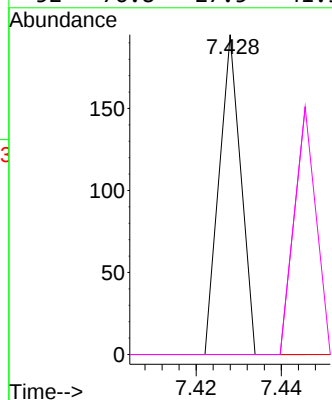


#41  
Methacrylonitrile  
Concen: 2.540 ug/l  
RT: 7.428 min Scan# 91  
Delta R.T. 0.029 min  
Lab File: VD080047.D  
Acq: 17 Nov 2024 17:34

Instrument :  
MSVOA\_D  
ClientSampleId :

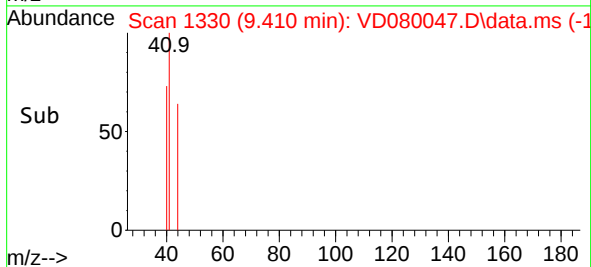
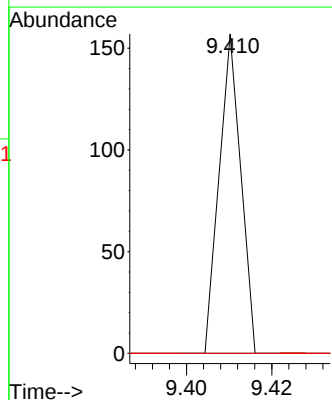
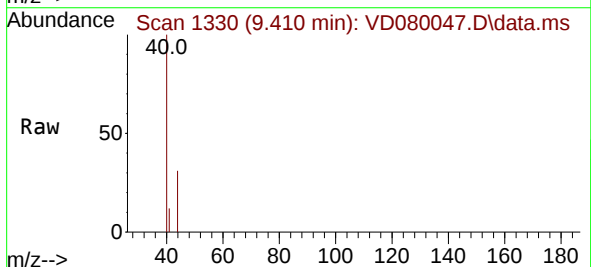


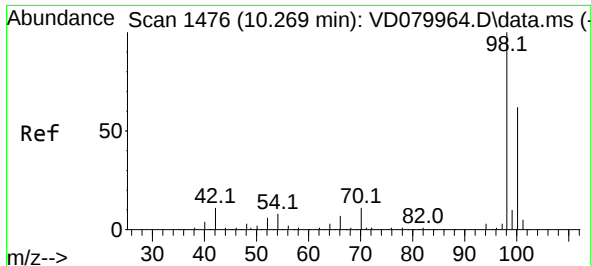
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 69    |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 0.0   | 47.8  | 71.8# |
| 67       | 0.0   | 64.9  | 97.3# |
| 52       | 76.8  | 27.5  | 41.3# |



#48  
Methyl methacrylate  
Concen: 1.262 ug/l  
RT: 9.410 min Scan# 1330  
Delta R.T. 0.029 min  
Lab File: VD080047.D  
Acq: 17 Nov 2024 17:34

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 41    | Resp: | 55     |
| Ion      | Ratio | Lower | Upper  |
| 41       | 100   |       |        |
| 69       | 0.0   | 74.0  | 111.0# |
| 39       | 0.0   | 41.9  | 62.9#  |

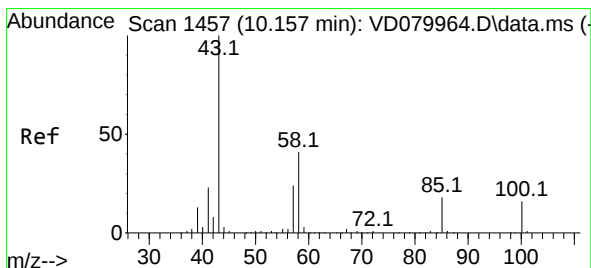
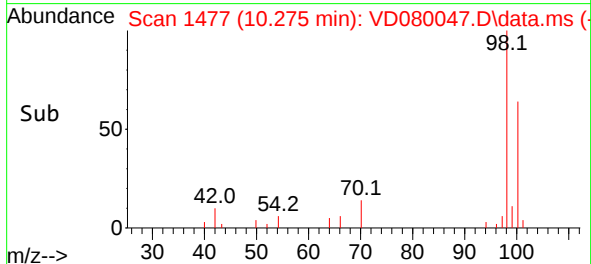
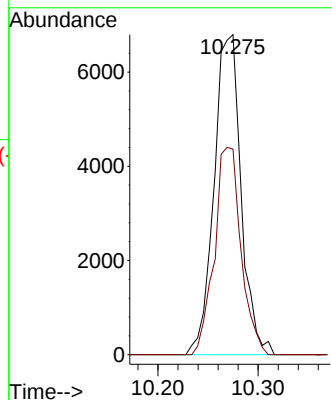
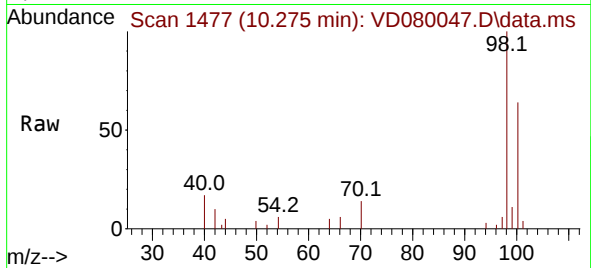




#50  
Toluene-d8  
Concen: 39.426 ug/l  
RT: 10.275 min Scan# 1476  
Delta R.T. 0.006 min  
Lab File: VD080047.D  
Acq: 17 Nov 2024 17:34

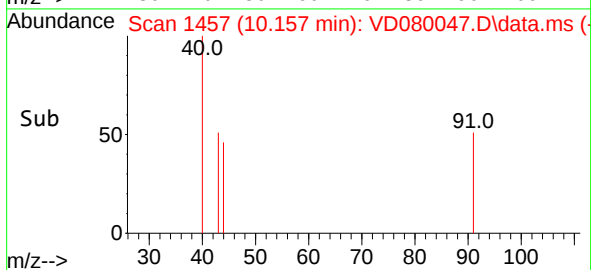
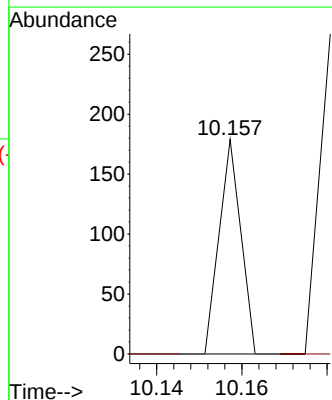
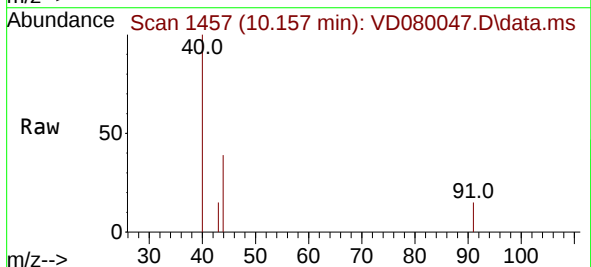
Instrument :  
MSVOA\_D  
ClientSampleId :

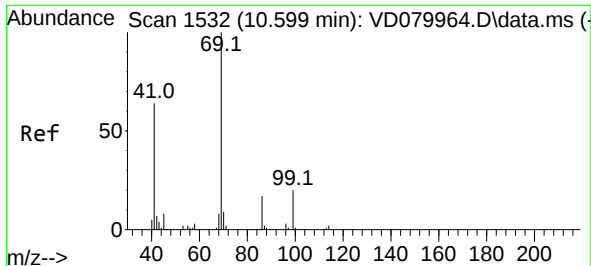
Tgt Ion: 98 Resp: 12728  
Ion Ratio Lower Upper  
98 100  
100 63.7 50.2 75.4



#51  
4-Methyl-2-Pentanone  
Concen: 1.361 ug/l  
RT: 10.157 min Scan# 1457  
Delta R.T. 0.000 min  
Lab File: VD080047.D  
Acq: 17 Nov 2024 17:34

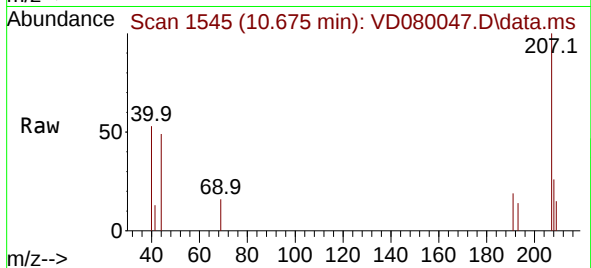
Tgt Ion: 43 Resp: 63  
Ion Ratio Lower Upper  
43 100  
58 0.0 32.8 49.2#



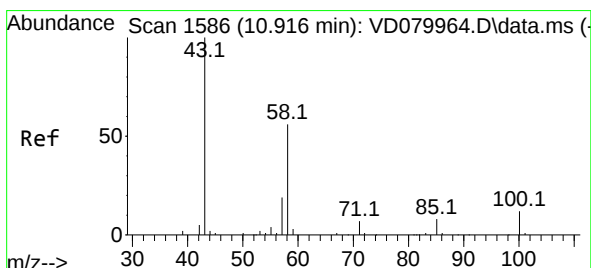
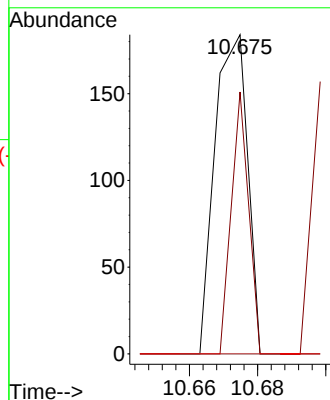
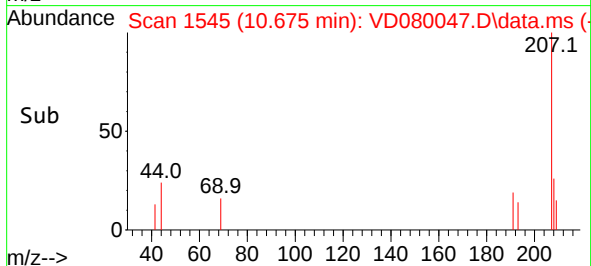


#56  
Ethyl methacrylate  
Concen: 1.554 ug/l  
RT: 10.675 min Scan# 11  
Delta R.T. 0.076 min  
Lab File: VD080047.D  
Acq: 17 Nov 2024 17:34

Instrument :  
MSVOA\_D  
ClientSampleId :

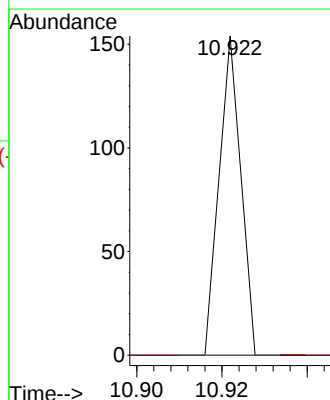
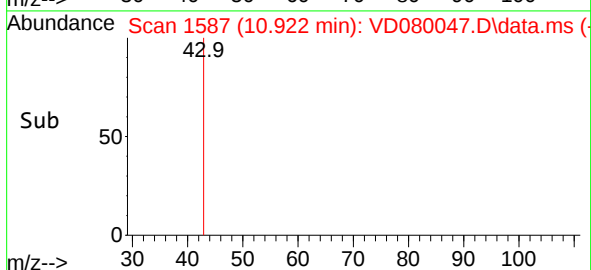
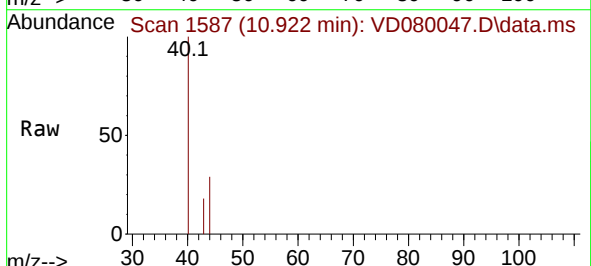


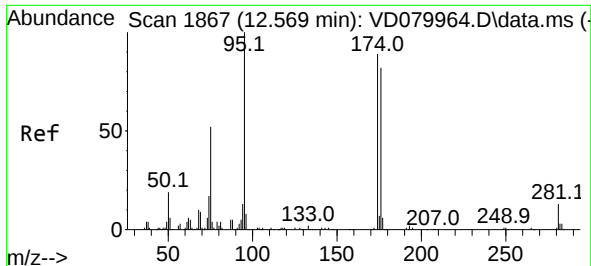
Tgt Ion: 69 Resp: 122  
Ion Ratio Lower Upper  
69 100  
41 43.4 50.4 75.6#  
39 0.0 26.0 39.0#



#59  
2-Hexanone  
Concen: 1.586 ug/l  
RT: 10.922 min Scan# 1587  
Delta R.T. 0.006 min  
Lab File: VD080047.D  
Acq: 17 Nov 2024 17:34

Tgt Ion: 43 Resp: 54  
Ion Ratio Lower Upper  
43 100  
58 0.0 27.8 83.4#

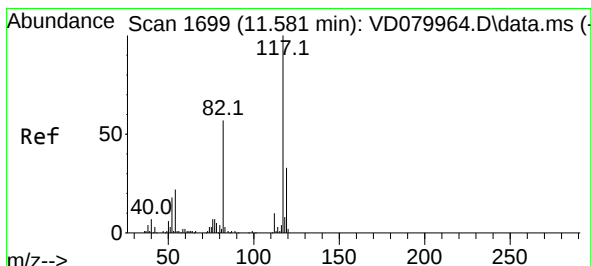
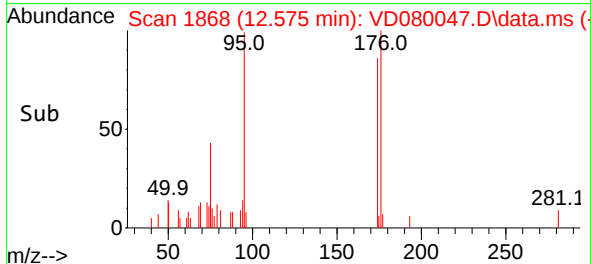
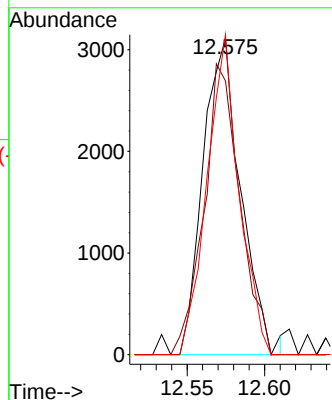
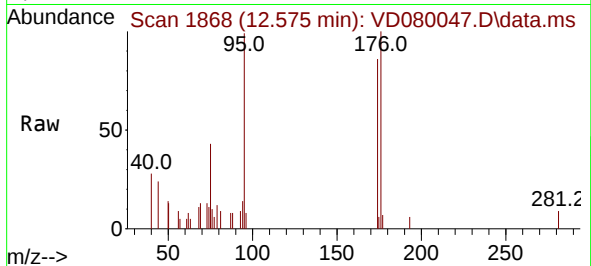




#62  
4-Bromofluorobenzene  
Concen: 49.643 ug/l  
RT: 12.575 min Scan# 1868  
Delta R.T. 0.006 min  
Lab File: VD080047.D  
Acq: 17 Nov 2024 17:34

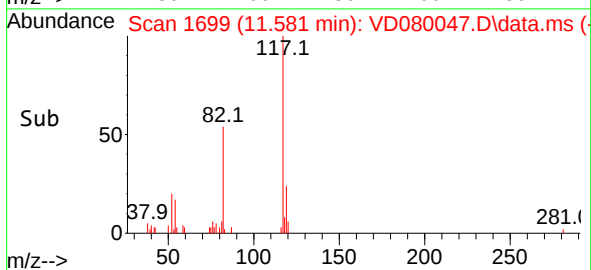
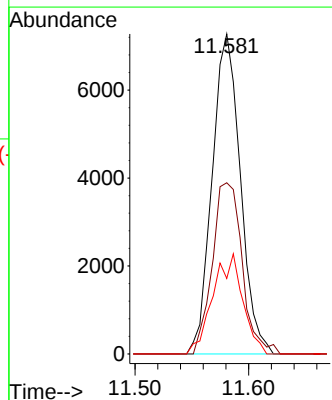
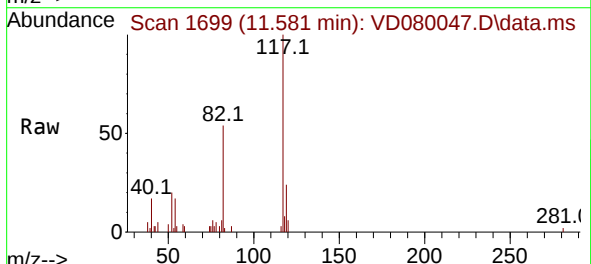
Instrument :  
MSVOA\_D  
ClientSampleId :

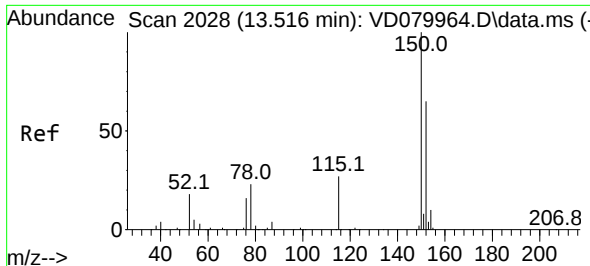
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 95    | Resp: | 5258  |
| Ion      | Ratio | Lower | Upper |
| 95       | 100   |       |       |
| 174      | 87.7  | 0.0   | 173.4 |
| 176      | 86.1  | 0.0   | 166.6 |



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.581 min Scan# 1699  
Delta R.T. -0.000 min  
Lab File: VD080047.D  
Acq: 17 Nov 2024 17:34

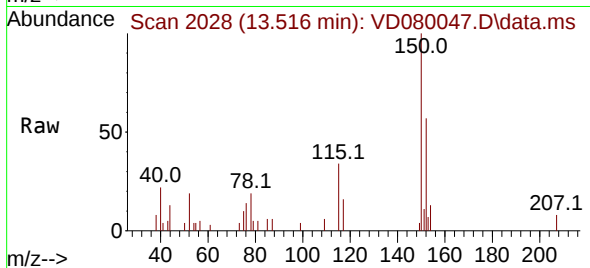
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 12566 |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 82       | 53.5  | 45.8  | 68.6  |
| 119      | 23.6  | 26.2  | 39.2  |



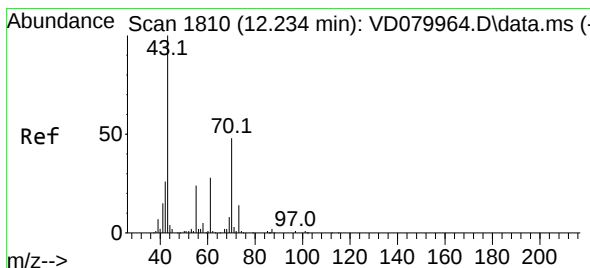
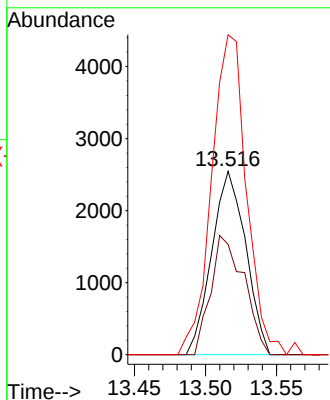
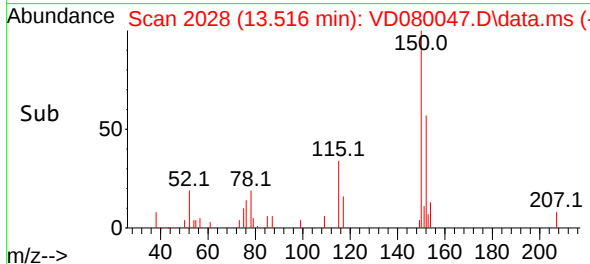


#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.516 min Scan# 2028  
Delta R.T. -0.000 min  
Lab File: VD080047.D  
Acq: 17 Nov 2024 17:34

Instrument :  
MSVOA\_D  
ClientSampleId :

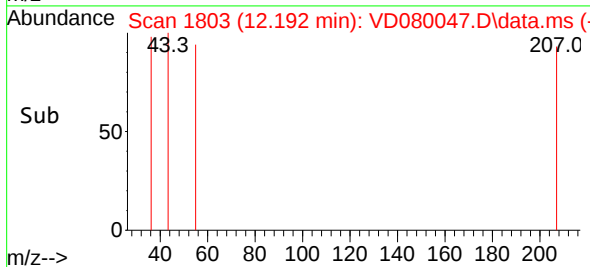
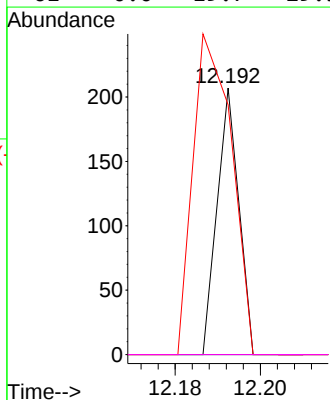
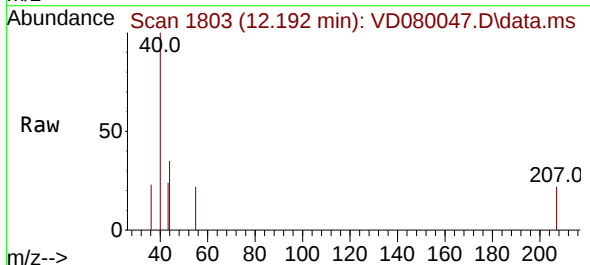


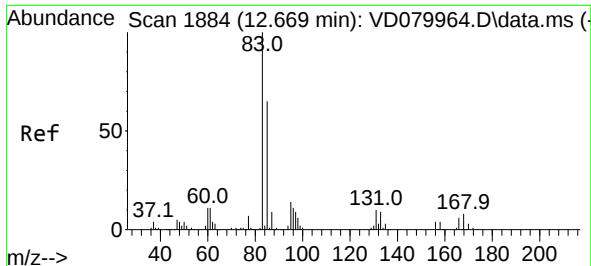
Tgt Ion:152 Resp: 4240  
Ion Ratio Lower Upper  
152 100  
115 63.5 28.9 86.8  
150 180.1 0.0 354.8



#74  
N-ethyl acetate  
Concen: 1.212 ug/l  
RT: 12.192 min Scan# 1803  
Delta R.T. -0.042 min  
Lab File: VD080047.D  
Acq: 17 Nov 2024 17:34

Tgt Ion: 43 Resp: 73  
Ion Ratio Lower Upper  
43 100  
70 0.0 36.3 54.5#  
55 213.7 20.3 30.5#  
61 0.0 19.7 29.5#

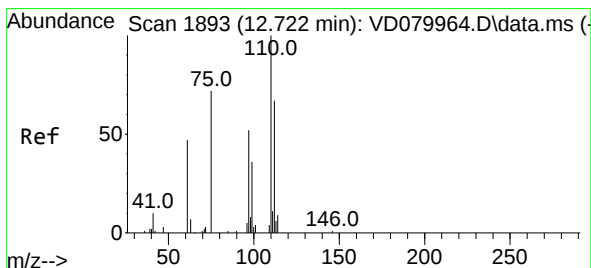
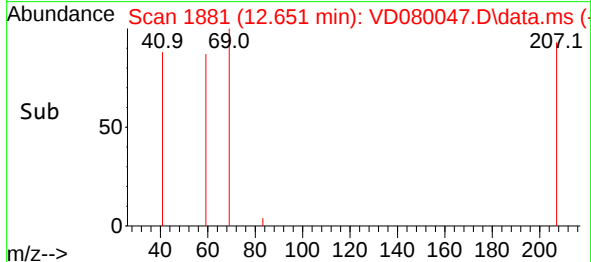
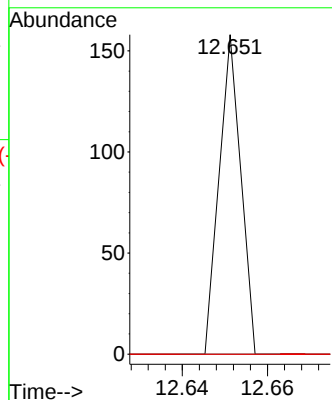
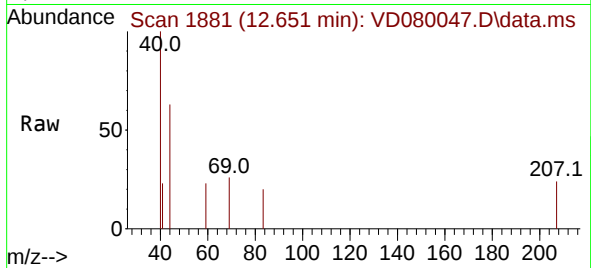




#75  
1,1,2-Tetrachloroethane  
Concen: 1.066 ug/l  
RT: 12.651 min Scan# 1867  
Delta R.T. -0.018 min  
Lab File: VD080047.D  
Acq: 17 Nov 2024 17:34

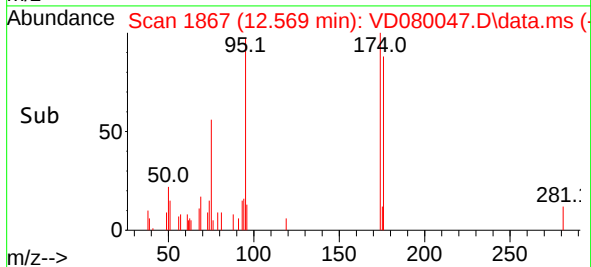
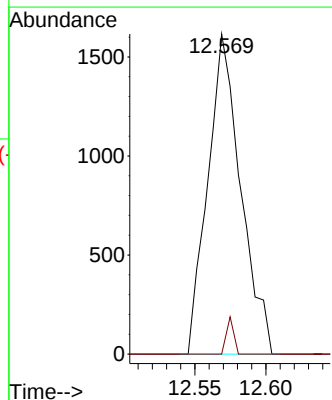
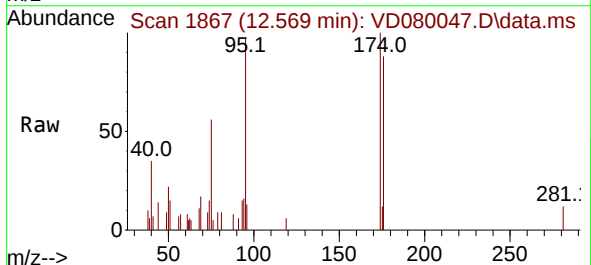
Instrument :  
MSVOA\_D  
ClientSampleId :

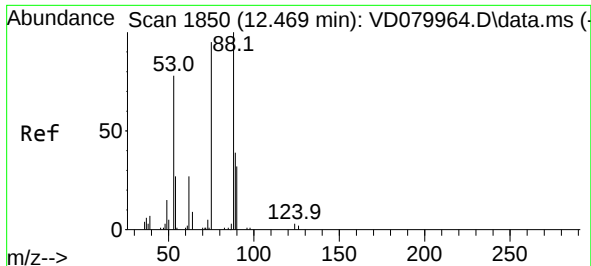
Tgt Ion: 83 Resp: 56  
Ion Ratio Lower Upper  
83 100  
131 0.0 5.1 15.3#  
85 0.0 32.9 98.6#



#76  
1,2,3-Trichloropropane  
Concen: 69.471 ug/l  
RT: 12.569 min Scan# 1867  
Delta R.T. -0.153 min  
Lab File: VD080047.D  
Acq: 17 Nov 2024 17:34

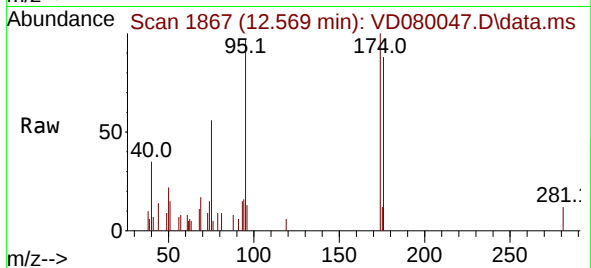
Tgt Ion: 75 Resp: 2601  
Ion Ratio Lower Upper  
75 100  
77 2.5 0.0 0.0#



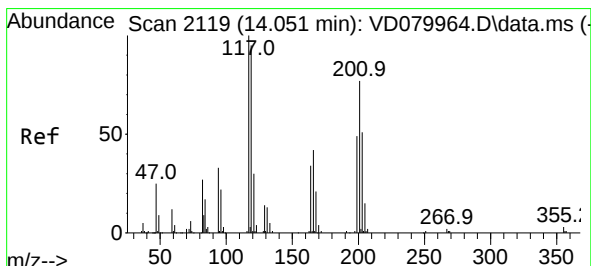
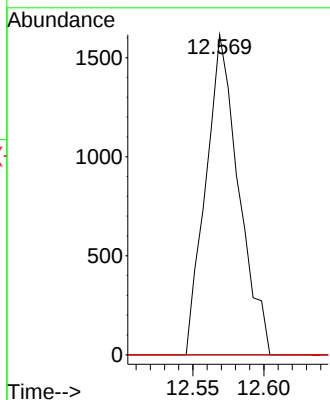
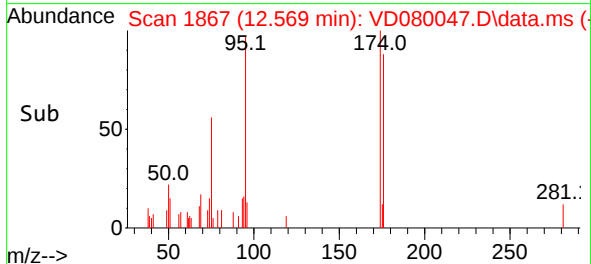


#81  
trans-1,4-Dichloro-2-butene  
Concen: 142.182 ug/l  
RT: 12.569 min Scan# 11  
Delta R.T. 0.100 min  
Lab File: VD080047.D  
Acq: 17 Nov 2024 17:34

Instrument :  
MSVOA\_D  
ClientSampleId :

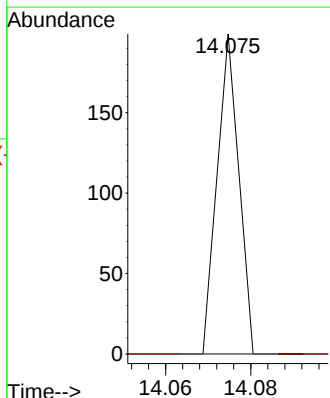
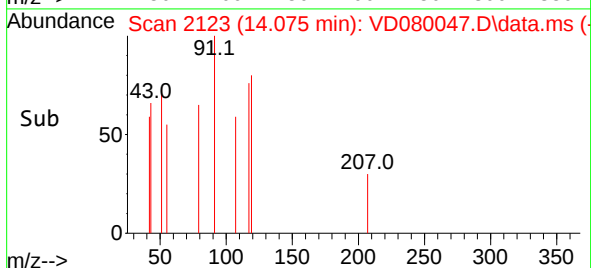
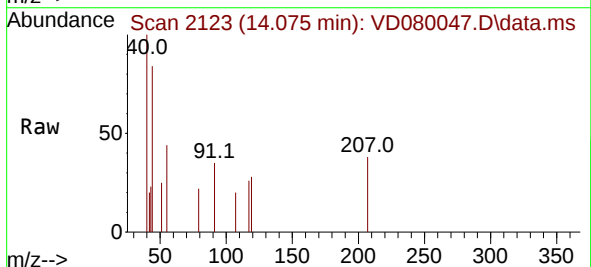


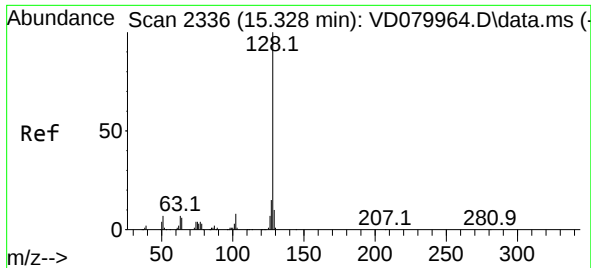
Tgt Ion: 75 Resp: 2601  
Ion Ratio Lower Upper  
75 100  
53 0.0 68.7 103.1#  
89 0.0 36.1 54.1#



#90  
Hexachloroethane  
Concen: 1.304 ug/l  
RT: 14.075 min Scan# 2123  
Delta R.T. 0.024 min  
Lab File: VD080047.D  
Acq: 17 Nov 2024 17:34

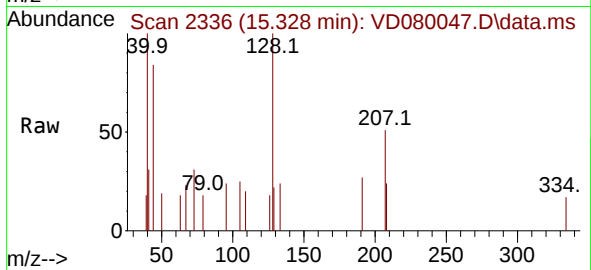
Tgt Ion: 117 Resp: 70  
Ion Ratio Lower Upper  
117 100  
201 0.0 37.5 112.5#





#95  
Naphthalene  
Concen: 12.578 ug/l  
RT: 15.328 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: VD080047.D  
Acq: 17 Nov 2024 17:34

Instrument :  
MSVOA\_D  
ClientSampleId :



| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 127     | 0.0   | 11.8  | 17.8# |
| 129     | 21.6  | 8.3   | 12.5# |

