

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD031825\  
 Data File : VD080281.D  
 Acq On : 18 Mar 2025 15:14  
 Operator : RP/MD  
 Sample : VD0318SBL01  
 Misc : 5.00G/10ml/MSVOA\_D/SOIL  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :

Quant Time: Mar 20 12:47:51 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\SFAMDLM031825SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Thu Mar 20 12:45:10 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|-------|--------|----------|
| Internal Standards            |        |      |          |       |        |          |
| 1) 1,4-Difluorobenzene        | 8.775  | 114  | 170866   | 25.00 | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 11.581 | 117  | 157814   | 25.00 | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.516 | 152  | 75171    | 25.00 | ug/L   | 0.00     |
| System Monitoring Compounds   |        |      |          |       |        |          |
| 4) Vinyl Chloride-d3          | 2.270  | 65   | 108347   | 19.26 | ug/L   | 0.00     |
| 7) Chloroethane-d5            | 2.799  | 69   | 105886   | 21.12 | ug/L   | 0.01     |
| 11) 1,1-Dichloroethene-d2     | 3.911  | 65   | 23888    | 20.10 | ug/L   | 0.00     |
| 21) 2-Butanone-d5             | 6.981  | 46   | 26218    | 43.23 | ug/L   | 0.00     |
| 24) Chloroform-d              | 7.563  | 84   | 119799   | 22.74 | ug/L   | 0.00     |
| 26) 1,2-Dichloroethane-d4     | 8.228  | 65   | 65676    | 22.81 | ug/L   | 0.00     |
| 32) Benzene-d6                | 8.199  | 84   | 222842   | 24.17 | ug/L   | 0.00     |
| 36) 1,2-Dichloropropane-d6    | 9.205  | 67   | 78167    | 26.28 | ug/L   | 0.00     |
| 41) Toluene-d8                | 10.269 | 98   | 208508   | 25.05 | ug/L   | 0.00     |
| 43) trans-1,3-Dichloroprop... | 10.522 | 79   | 29529    | 24.11 | ug/L   | 0.00     |
| 47) 2-Hexanone-d5             | 10.875 | 63   | 16857    | 39.16 | ug/L   | 0.00     |
| 56) 1,1,2,2-Tetrachloroeth... | 12.646 | 84   | 54067    | 20.45 | ug/L   | 0.00     |
| 66) 1,2-Dichlorobenzene-d4    | 13.816 | 152  | 64933    | 24.66 | ug/L   | 0.00     |
| Target Compounds              |        |      |          |       |        |          |
|                               |        |      |          |       |        | Qvalue   |
| 2) Dichlorodifluoromethane    | 1.946  | 85   | 133      | 0.04  | ug/L # | 43       |
| 3) Chloromethane              | 2.205  | 50   | 225      | 0.04  | ug/L   | 92       |
| 5) Vinyl chloride             | 2.276  | 62   | 849      | 0.13  | ug/L # | 1        |
| 6) Bromomethane               | 2.658  | 94   | 117      | 0.03  | ug/L   | 74       |
| 8) Chloroethane               | 2.828  | 64   | 249      | 0.06  | ug/L # | 1        |
| 9) Trichlorofluoromethane     | 3.158  | 101  | 143      | 0.03  | ug/L # | 18       |
| 10) 1,1,2-Trichloro-1,2,2-... | 3.958  | 101  | 85       | 0.03  | ug/L # | 21       |
| 12) 1,1-Dichloroethene        | 3.911  | 96   | 478      | 0.19  | ug/L # | 1        |
| 13) Acetone                   | 4.040  | 43   | 981      | 1.54  | ug/L   | 66       |
| 14) Carbon disulfide          | 4.275  | 76   | 383      | 0.04  | ug/L # | 75       |
| 15) Methyl Acetate            | 4.599  | 43   | 155      | 0.11  | ug/L # | 54       |
| 16) Methylene chloride        | 4.799  | 84   | 2324     | 0.69  | ug/L   | 96       |
| 19) 1,1-Dichloroethane        | 6.105  | 63   | 60       | 0.01  | ug/L # | 50       |
| 22) 2-Butanone                | 7.081  | 43   | 172      | 0.21  | ug/L # | 100      |
| 25) Chloroform                | 7.599  | 83   | 9902     | 1.74  | ug/L   | 95       |
| 27) 1,2-Dichloroethane        | 8.322  | 62   | 113      | 0.03  | ug/L # | 73       |
| 29) Cyclohexane               | 8.052  | 56   | 112      | 0.03  | ug/L # | 80       |
| 33) Benzene                   | 8.246  | 78   | 222      | 0.02  | ug/L   | 100      |
| 34) Trichloroethene           | 8.775  | 95   | 5707     | 2.08  | ug/L # | 4        |
| 35) Methylcyclohexane         | 9.269  | 83   | 150      | 0.04  | ug/L # | 60       |
| 37) 1,2-Dichloropropane       | 9.305  | 63   | 56       | 0.02  | ug/L # | 87       |
| 38) Bromodichloromethane      | 9.522  | 83   | 127      | 0.03  | ug/L # | 28       |
| 39) cis-1,3-Dichloropropene   | 9.981  | 75   | 2104     | 0.49  | ug/L # | 64       |
| 40) 4-Methyl-2-pentanone      | 10.152 | 43   | 136      | 0.09  | ug/L # | 73       |
| 42) Toluene                   | 10.328 | 91   | 646      | 0.06  | ug/L   | 100      |
| 44) trans-1,3-Dichloropropene | 10.540 | 75   | 459      | 0.13  | ug/L # | 73       |
| 45) 1,1,2-Trichloroethane     | 10.669 | 97   | 221      | 0.10  | ug/L # | 14       |
| 46) Tetrachloroethene         | 10.804 | 164  | 114      | 0.05  | ug/L # | 1        |
| 48) 2-Hexanone                | 10.910 | 43   | 49       | 0.04  | ug/L # | 1        |
| 51) Chlorobenzene             | 11.604 | 112  | 145      | 0.02  | ug/L # | 50       |
| 52) Ethylbenzene              | 11.681 | 91   | 228      | 0.02  | ug/L # | 44       |
| 53) m,p-Xylene                | 11.793 | 106  | 356      | 0.08  | ug/L # | 14       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD031825\  
 Data File : VD080281.D  
 Acq On : 18 Mar 2025 15:14  
 Operator : RP/MD  
 Sample : VD0318SBL01  
 Misc : 5.00G/10ml/MSVOA\_D/SOIL  
 ALS Vial : 11 Sample Multiplier: 1

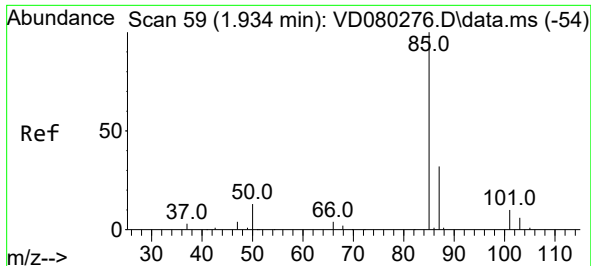
Instrument :  
 MSVOA\_D  
 ClientSampleId :

Quant Time: Mar 20 12:47:51 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\SFAMDLM031825SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Thu Mar 20 12:45:10 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|------|--------|----------|
| -----                         |        |      |          |      |        |          |
| 55) Styrene                   | 12.128 | 104  | 135      | 0.02 | ug/L # | 30       |
| 57) 1,1,2,2-Tetrachloroethane | 12.663 | 83   | 133      | 0.05 | ug/L # | 1        |
| 60) Isopropylbenzene          | 12.428 | 105  | 144      | 0.01 | ug/L # | 54       |
| 61) 1,2,3-Trichloropropane    | 12.581 | 75   | 70       | 0.04 | ug/L # | 39       |
| 62) 1,3,5-Trimethylbenzene    | 13.198 | 105  | 145      | 0.02 | ug/L   | 96       |
| 63) 1,2,4-Trimethylbenzene    | 13.198 | 105  | 145      | 0.02 | ug/L   | 99       |
| 64) 1,3-Dichlorobenzene       | 13.457 | 146  | 513      | 0.10 | ug/L # | 25       |
| 65) 1,4-Dichlorobenzene       | 13.540 | 146  | 429      | 0.08 | ug/L # | 83       |
| 67) 1,2-Dichlorobenzene       | 13.828 | 146  | 269      | 0.06 | ug/L # | 22       |
| 69) 1,3,5-Trichlorobenzene    | 14.587 | 180  | 72       | 0.02 | ug/L # | 8        |
| 70) 1,2,4-trichlorobenzene    | 15.087 | 180  | 540      | 0.19 | ug/L # | 80       |
| 71) Naphthalene               | 15.322 | 128  | 538      | 0.10 | ug/L # | 68       |
| 72) 1,2,3-Trichlorobenzene    | 15.516 | 180  | 229      | 0.09 | ug/L # | 14       |
| -----                         |        |      |          |      |        |          |

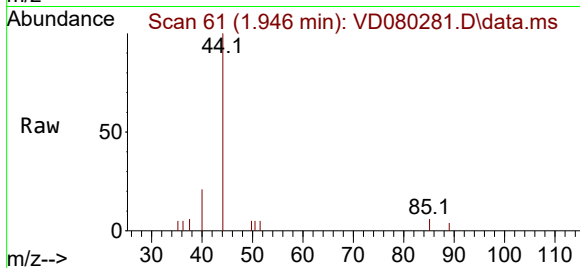
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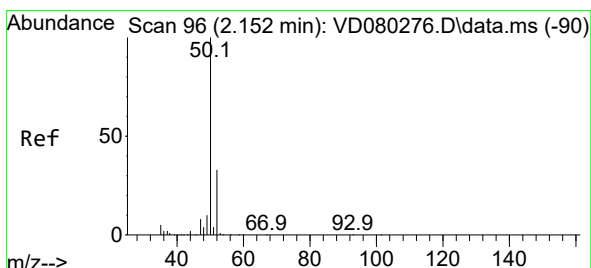
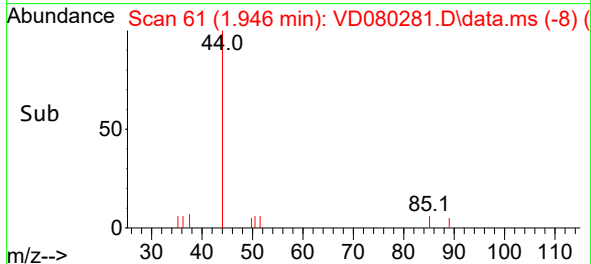
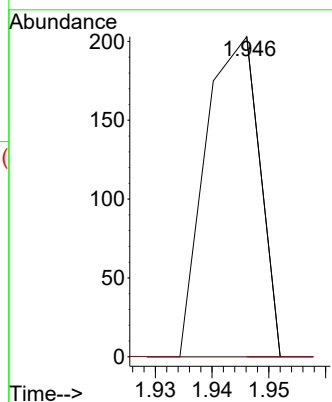


#2  
Dichlorodifluoromethane  
Concen: 0.04 ug/L  
RT: 1.946 min Scan# 61  
Delta R.T. 0.012 min  
Lab File: VD080281.D  
Acq: 18 Mar 2025 15:14

Instrument :  
MSVOA\_D  
ClientSampleId :

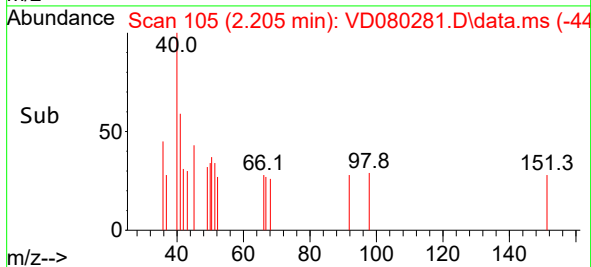
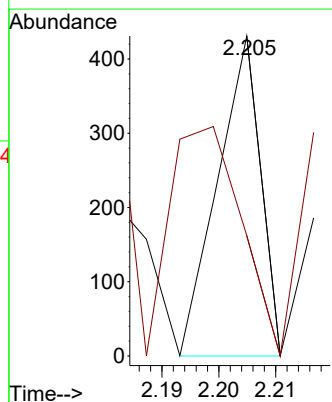
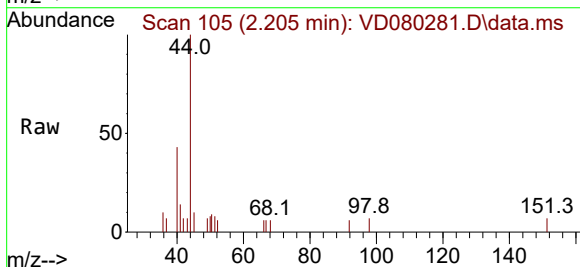


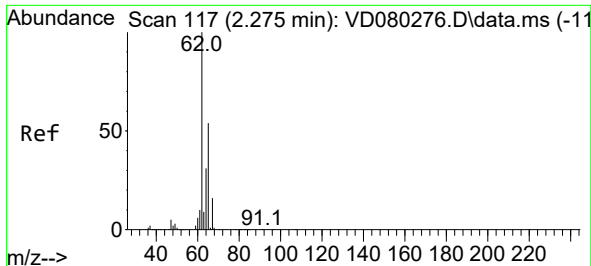
Tgt Ion: 85 Resp: 133  
Ion Ratio Lower Upper  
85 100  
87 0.0 25.6 38.4#



#3  
Chloromethane  
Concen: 0.04 ug/L  
RT: 2.205 min Scan# 105  
Delta R.T. 0.059 min  
Lab File: VD080281.D  
Acq: 18 Mar 2025 15:14

Tgt Ion: 50 Resp: 225  
Ion Ratio Lower Upper  
50 100  
52 37.6 23.1 42.9

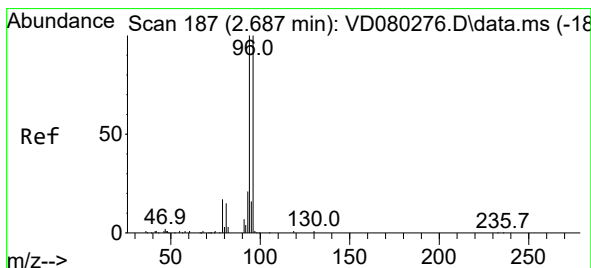
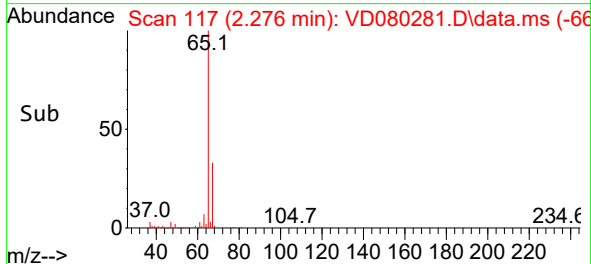
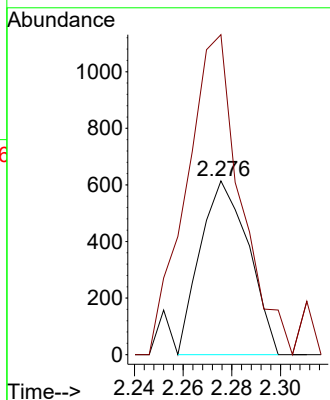
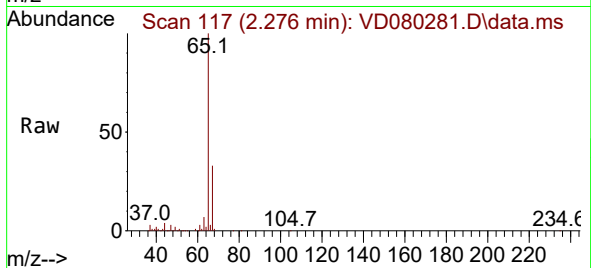




#5  
 Vinyl chloride  
 Concen: 0.13 ug/L  
 RT: 2.276 min Scan# 117  
 Delta R.T. 0.000 min  
 Lab File: VD080281.D  
 Acq: 18 Mar 2025 15:14

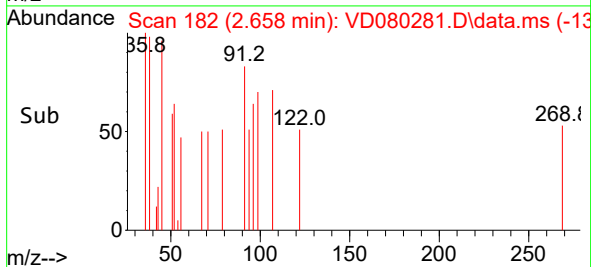
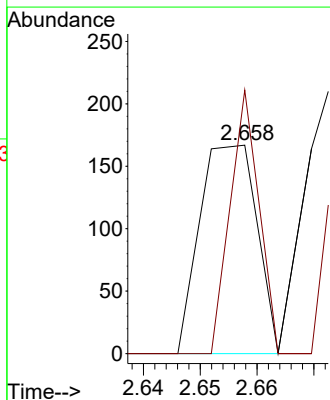
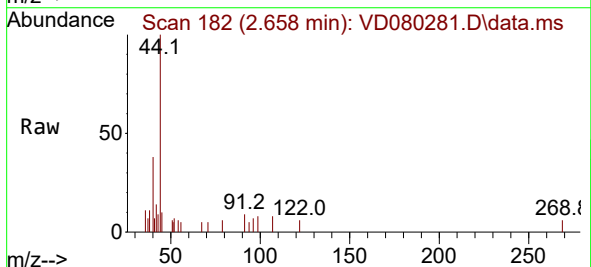
Instrument :  
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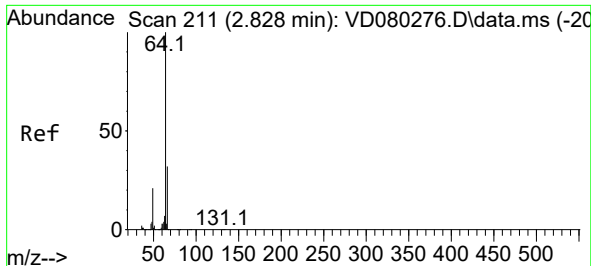
Tgt Ion: 62 Resp: 849  
 Ion Ratio Lower Upper  
 62 100  
 64 184.2 21.3 39.6#



#6  
 Bromomethane  
 Concen: 0.03 ug/L  
 RT: 2.658 min Scan# 182  
 Delta R.T. -0.018 min  
 Lab File: VD080281.D  
 Acq: 18 Mar 2025 15:14

Tgt Ion: 94 Resp: 117  
 Ion Ratio Lower Upper  
 94 100  
 96 126.3 70.3 130.5

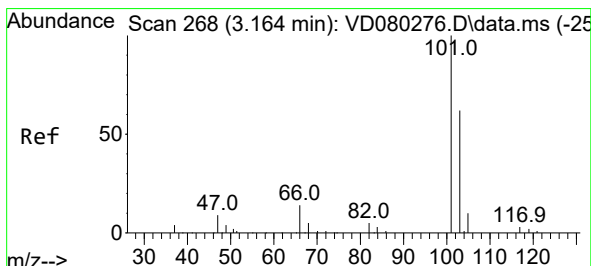
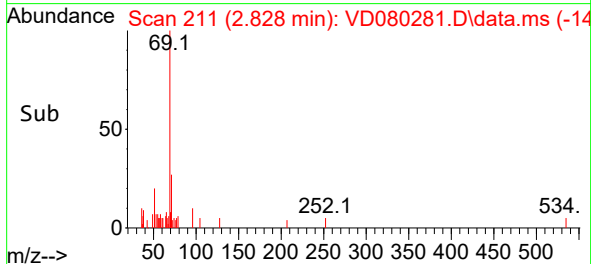
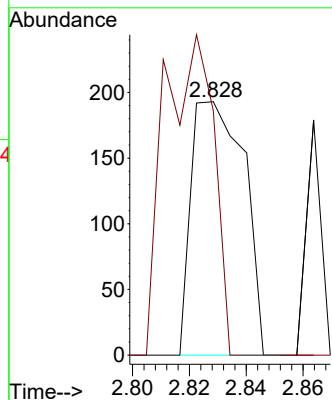
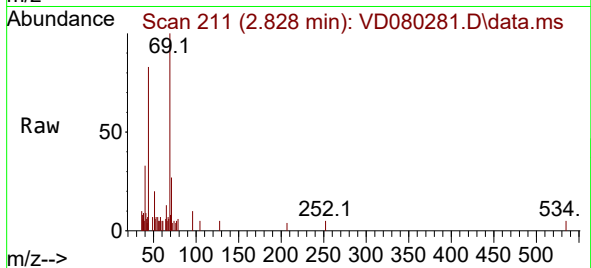




#8  
Chloroethane  
Concen: 0.06 ug/L  
RT: 2.828 min Scan# 211  
Delta R.T. 0.006 min  
Lab File: VD080281.D  
Acq: 18 Mar 2025 15:14

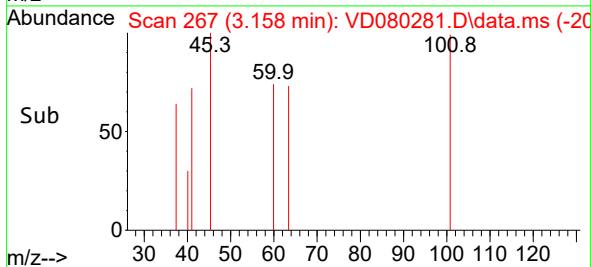
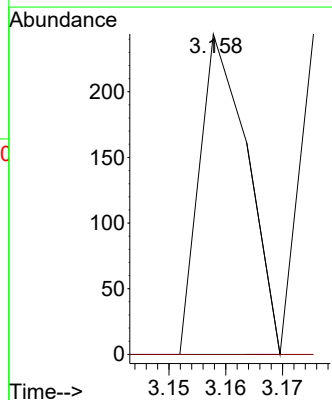
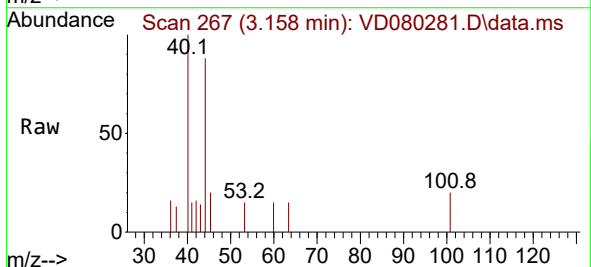
Instrument :  
MSVOA\_D  
ClientSampleId :

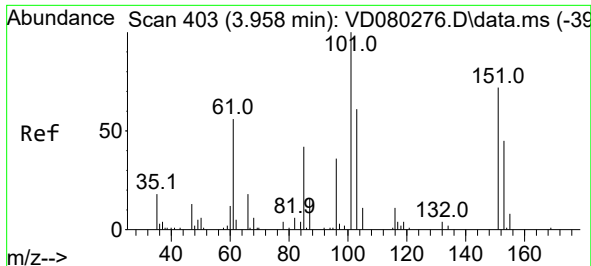
Tgt Ion: 64 Resp: 249  
Ion Ratio Lower Upper  
64 100  
66 96.4 22.3 41.3#



#9  
Trichlorofluoromethane  
Concen: 0.03 ug/L  
RT: 3.158 min Scan# 267  
Delta R.T. -0.006 min  
Lab File: VD080281.D  
Acq: 18 Mar 2025 15:14

Tgt Ion:101 Resp: 143  
Ion Ratio Lower Upper  
101 100  
103 0.0 52.0 78.0#

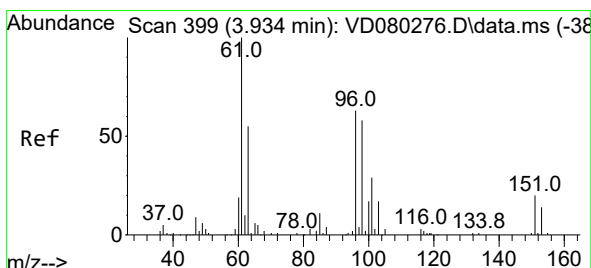
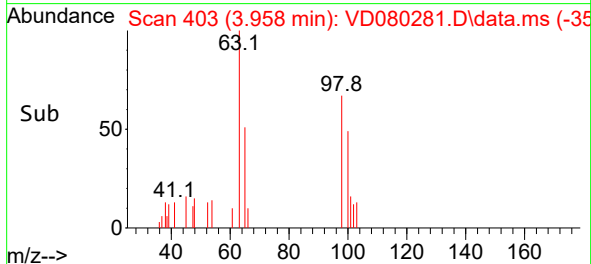
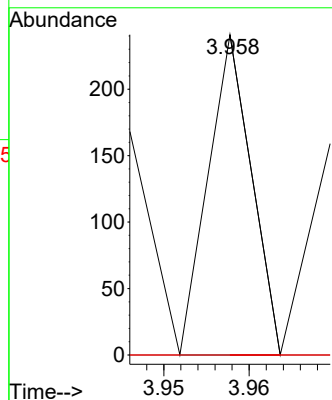
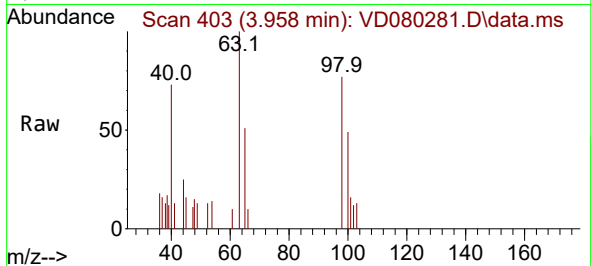




#10  
 1,1,2-Trichloro-1,2,2-trifluoroethane  
 Concen: 0.03 ug/L  
 RT: 3.958 min Scan# 403  
 Delta R.T. 0.006 min  
 Lab File: VD080281.D  
 Acq: 18 Mar 2025 15:14

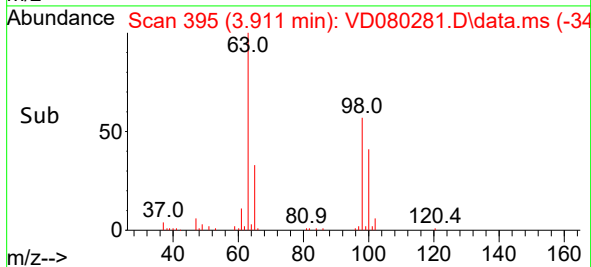
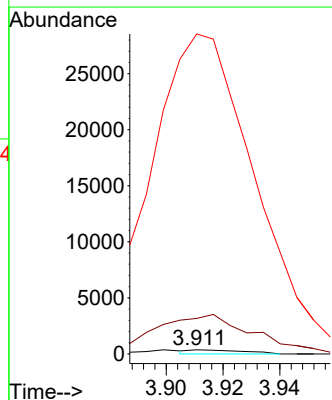
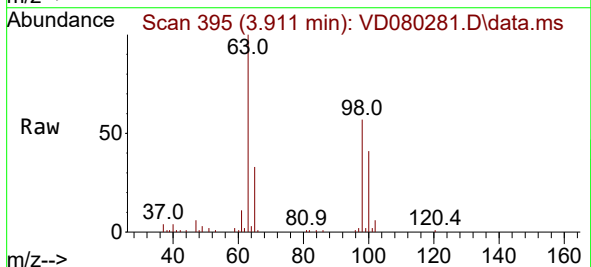
Instrument :  
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 ClientSampleId :

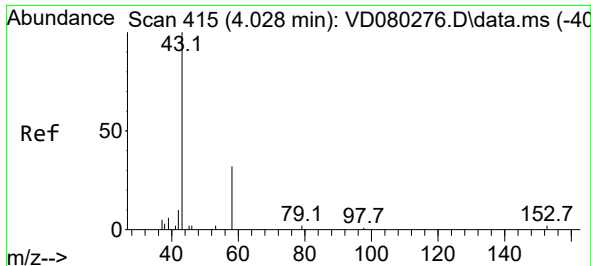
Tgt Ion:101 Resp: 85  
 Ion Ratio Lower Upper  
 101 100  
 85 0.0 35.7 53.5#  
 151 0.0 55.6 83.4#



#12  
 1,1-Dichloroethene  
 Concen: 0.19 ug/L  
 RT: 3.911 min Scan# 395  
 Delta R.T. -0.018 min  
 Lab File: VD080281.D  
 Acq: 18 Mar 2025 15:14

Tgt Ion: 96 Resp: 478  
 Ion Ratio Lower Upper  
 96 100  
 61 854.4 112.5 208.9#  
 63 7691.6 71.3 132.5#

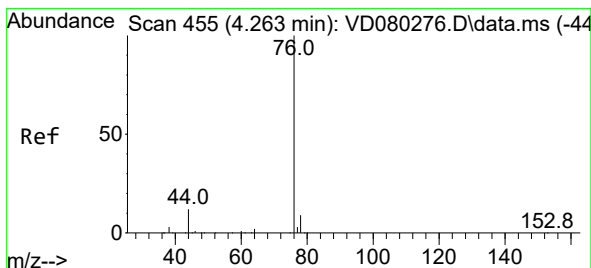
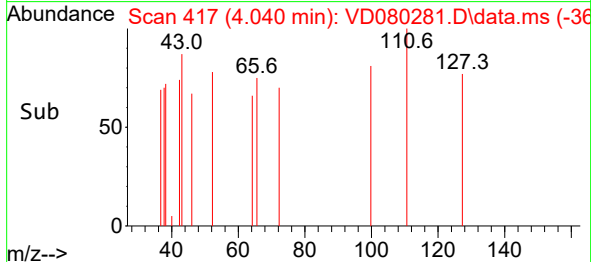
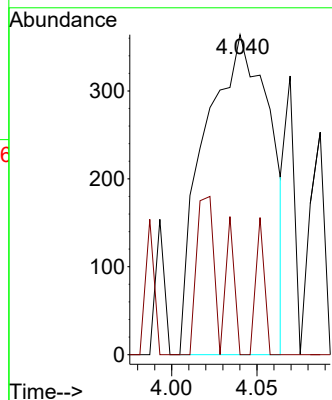
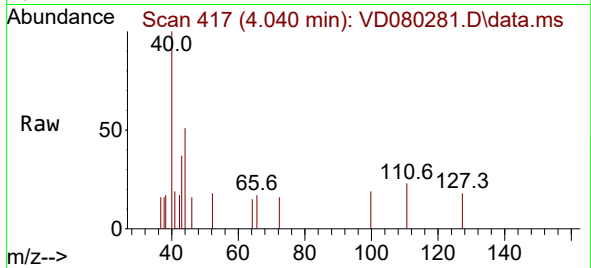




#13  
Acetone  
Concen: 1.54 ug/L  
RT: 4.040 min Scan# 415  
Delta R.T. 0.018 min  
Lab File: VD080281.D  
Acq: 18 Mar 2025 15:14

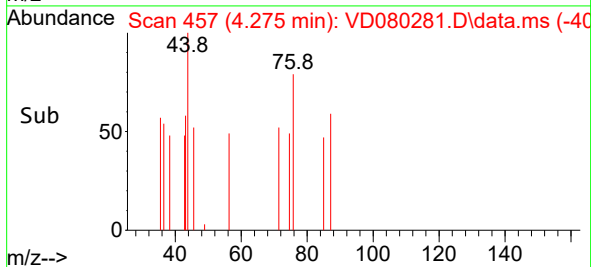
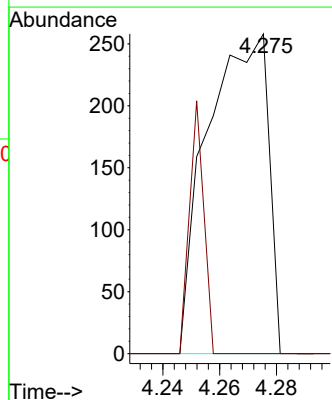
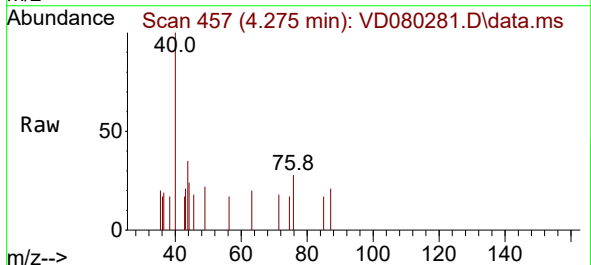
Instrument :  
MSVOA\_D  
ClientSampleId :

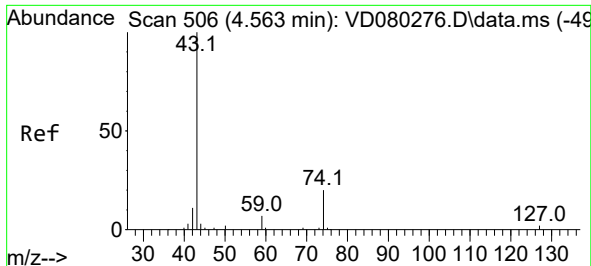
Tgt Ion: 43 Resp: 981  
Ion Ratio Lower Upper  
43 100  
58 12.7 0.0 63.8



#14  
Carbon disulfide  
Concen: 0.04 ug/L  
RT: 4.275 min Scan# 457  
Delta R.T. 0.018 min  
Lab File: VD080281.D  
Acq: 18 Mar 2025 15:14

Tgt Ion: 76 Resp: 383  
Ion Ratio Lower Upper  
76 100  
78 0.0 7.2 10.8#

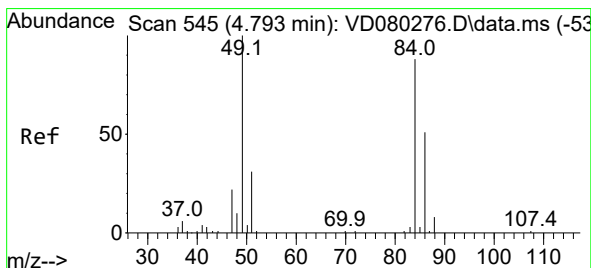
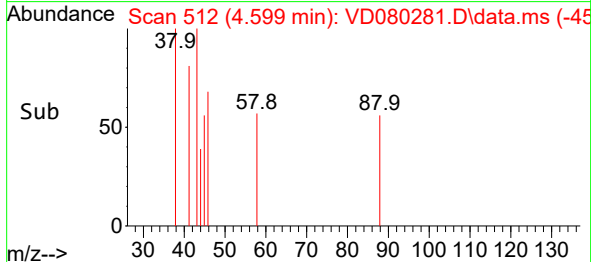
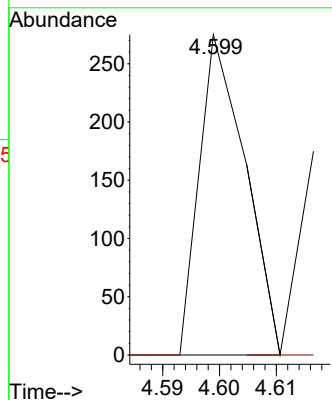
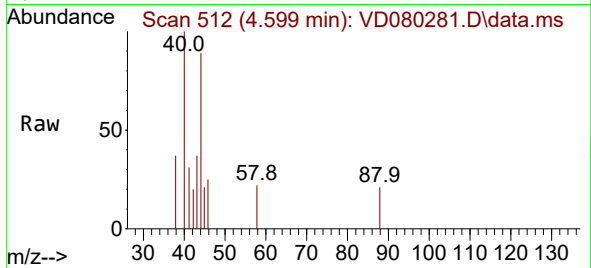




#15  
Methyl Acetate  
Concen: 0.11 ug/L  
RT: 4.599 min Scan# 512  
Delta R.T. 0.035 min  
Lab File: VD080281.D  
Acq: 18 Mar 2025 15:14

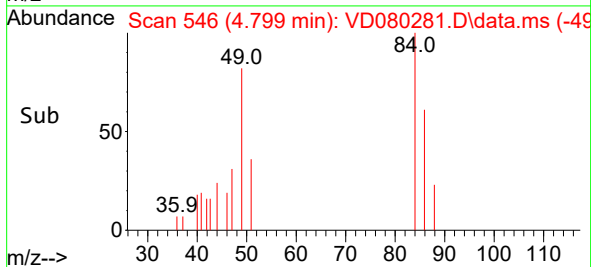
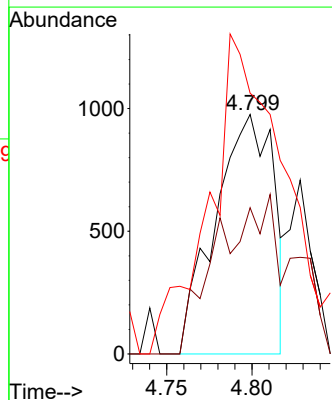
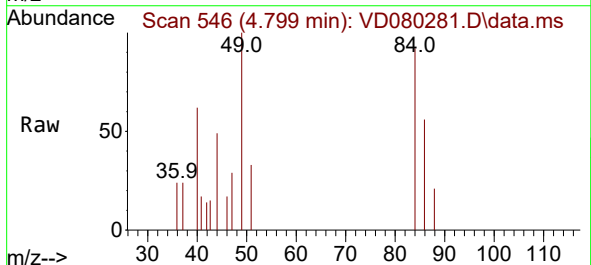
Instrument :  
MSVOA\_D  
ClientSampleId :

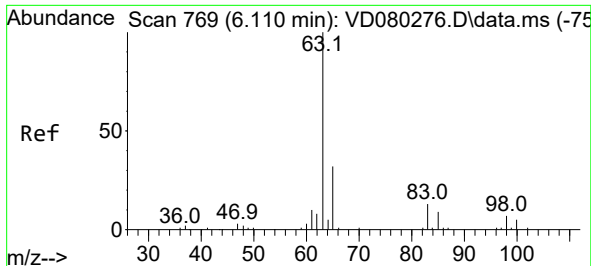
Tgt Ion: 43 Resp: 155  
Ion Ratio Lower Upper  
43 100  
74 0.0 17.2 25.8#



#16  
Methylene chloride  
Concen: 0.69 ug/L  
RT: 4.799 min Scan# 546  
Delta R.T. 0.006 min  
Lab File: VD080281.D  
Acq: 18 Mar 2025 15:14

Tgt Ion: 84 Resp: 2324  
Ion Ratio Lower Upper  
84 100  
86 61.1 40.9 75.9  
49 108.9 79.7 147.9





#19

1,1-Dichloroethane

Concen: 0.01 ug/L

RT: 6.105 min Scan# 7

Delta R.T. 0.000 min

Lab File: VD080281.D

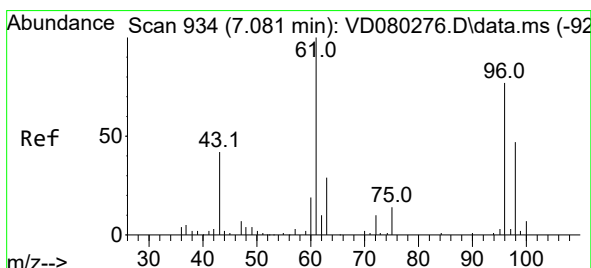
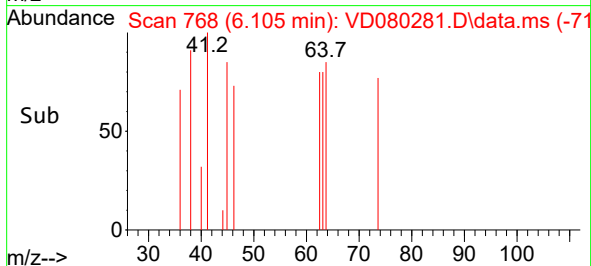
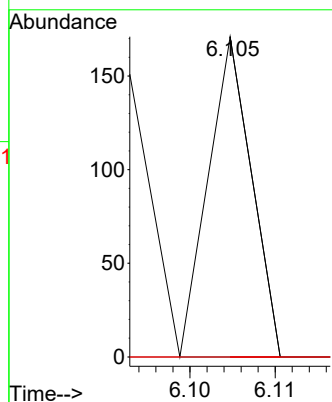
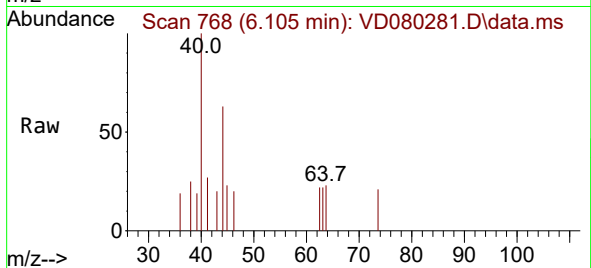
Acq: 18 Mar 2025 15:14

Instrument :

MSVOA\_D

ClientSampleId :

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 63    | Resp: | 60    |
| Ion      | Ratio | Lower | Upper |
| 63       | 100   |       |       |
| 65       | 0.0   | 22.4  | 41.6# |
| 83       | 0.0   | 8.8   | 16.3# |



#22

2-Butanone

Concen: 0.21 ug/L

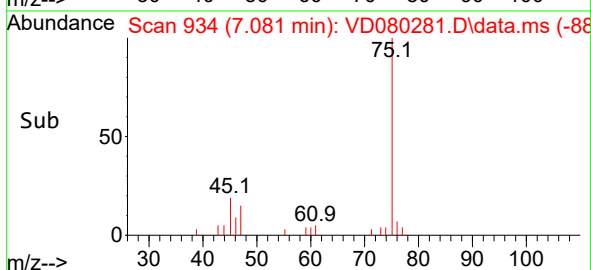
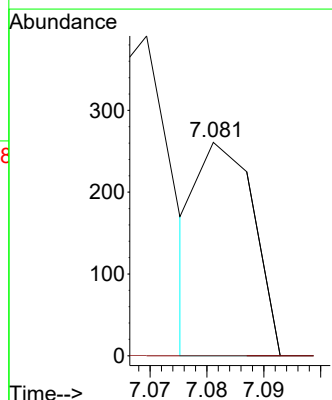
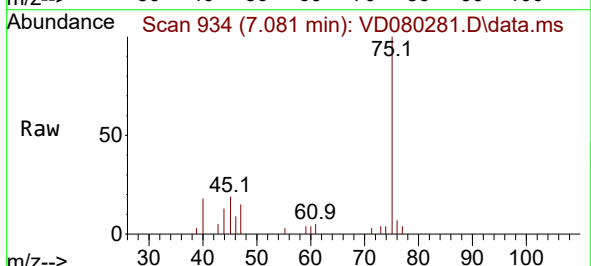
RT: 7.081 min Scan# 934

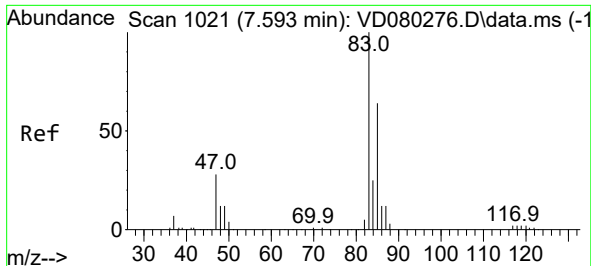
Delta R.T. 0.000 min

Lab File: VD080281.D

Acq: 18 Mar 2025 15:14

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 172   |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 72       | 0.0   | 0.1   | 0.3#  |

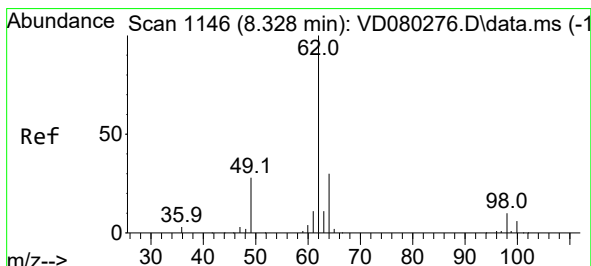
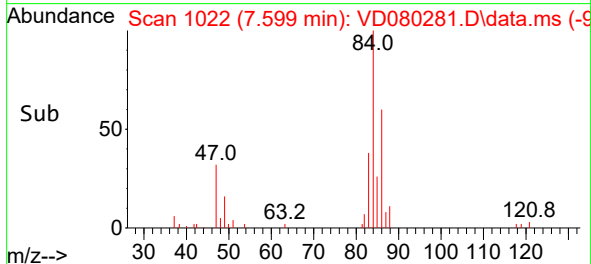
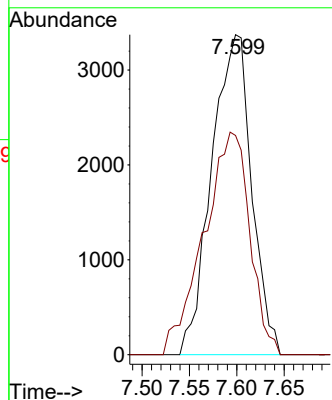
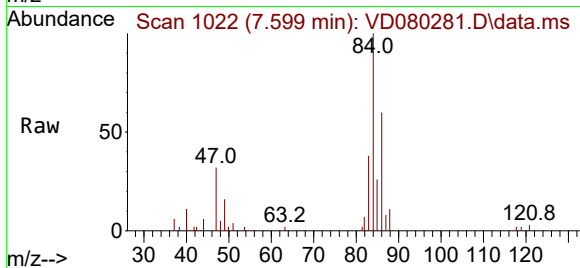




#25  
Chloroform  
Concen: 1.74 ug/L  
RT: 7.599 min Scan# 1021  
Delta R.T. 0.006 min  
Lab File: VD080281.D  
Acq: 18 Mar 2025 15:14

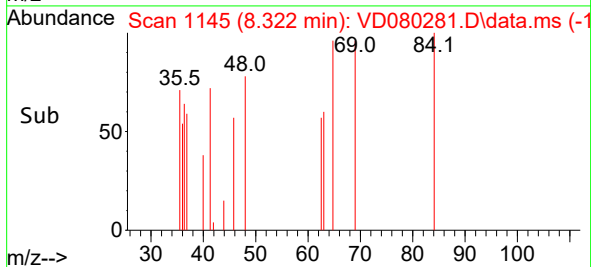
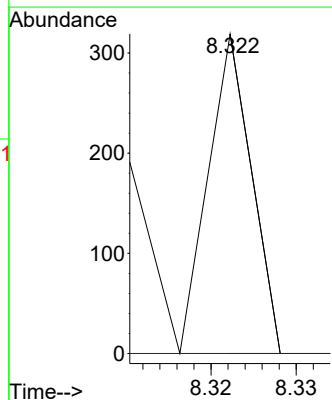
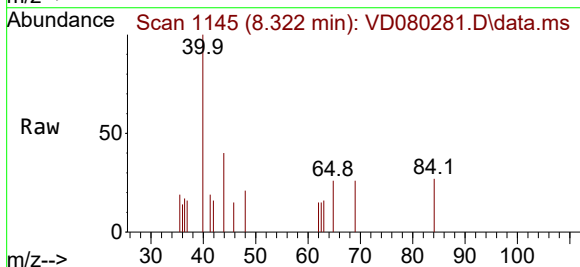
Instrument :  
MSVOA\_D  
ClientSampleId :

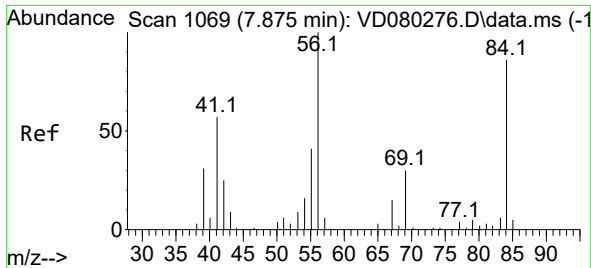
Tgt Ion: 83 Resp: 9902  
Ion Ratio Lower Upper  
83 100  
85 68.5 45.1 83.7



#27  
1,2-Dichloroethane  
Concen: 0.03 ug/L  
RT: 8.322 min Scan# 1145  
Delta R.T. 0.000 min  
Lab File: VD080281.D  
Acq: 18 Mar 2025 15:14

Tgt Ion: 62 Resp: 113  
Ion Ratio Lower Upper  
62 100  
98 0.0 8.2 12.2#





#29

Cyclohexane

Concen: 0.03 ug/L

RT: 8.052 min Scan# 1099

Delta R.T. 0.177 min

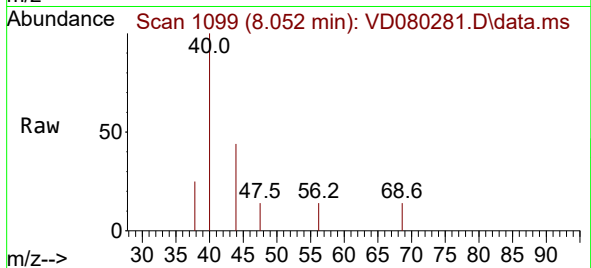
Lab File: VD080281.D

Acq: 18 Mar 2025 15:14

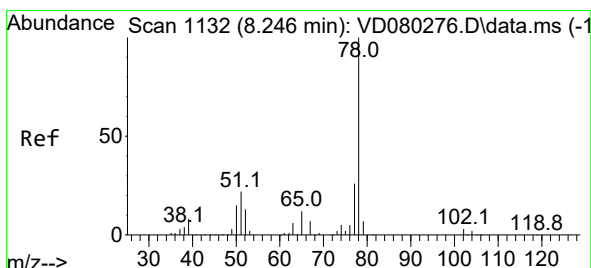
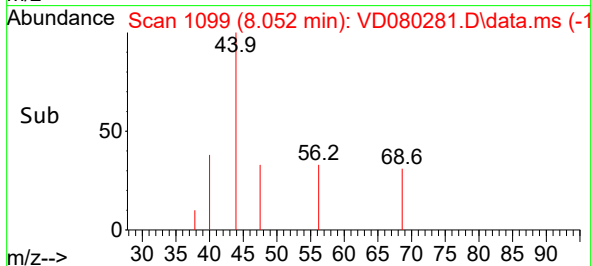
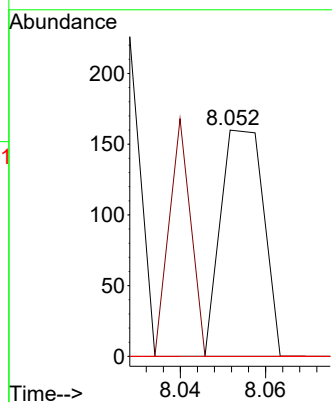
Instrument :

MSVOA\_D

ClientSampleId :



|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 56    | Resp: | 112   |
| Ion Ratio | Lower | Upper |       |
| 56        | 100   |       |       |
| 69        | 0.0   | 24.6  | 37.0# |
| 84        | 96.4  | 71.4  | 107.2 |



#33

Benzene

Concen: 0.02 ug/L

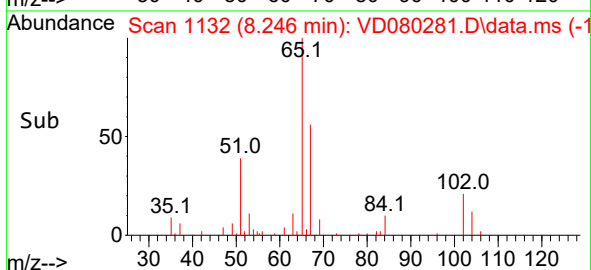
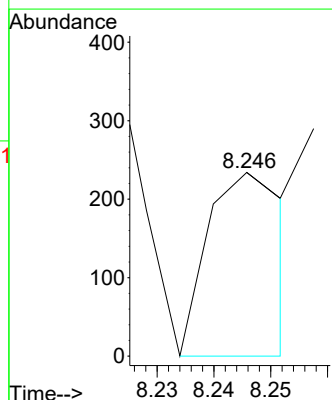
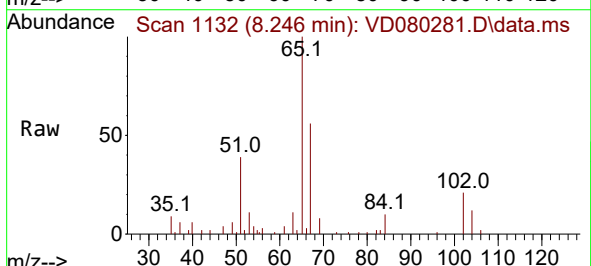
RT: 8.246 min Scan# 1132

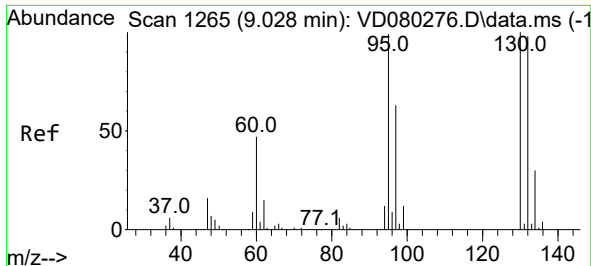
Delta R.T. 0.000 min

Lab File: VD080281.D

Acq: 18 Mar 2025 15:14

Tgt Ion: 78 Resp: 222

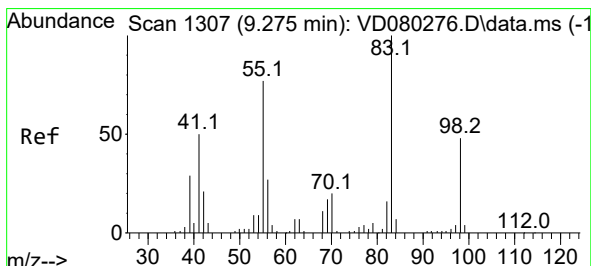
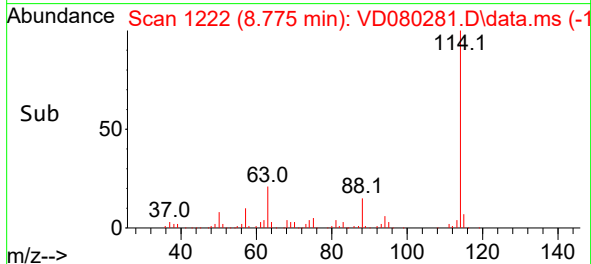
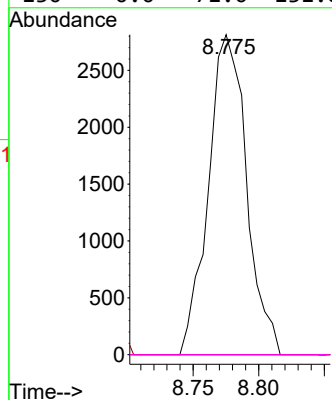
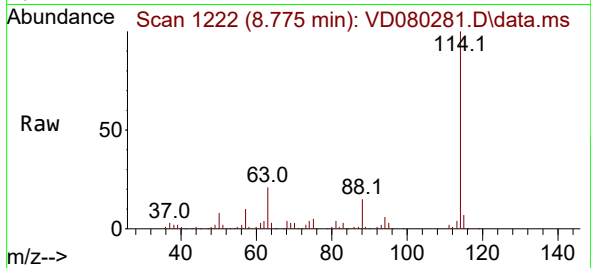




#34  
Trichloroethene  
Concen: 2.08 ug/L  
RT: 8.775 min Scan# 11  
Delta R.T. -0.253 min  
Lab File: VD080281.D  
Acq: 18 Mar 2025 15:14

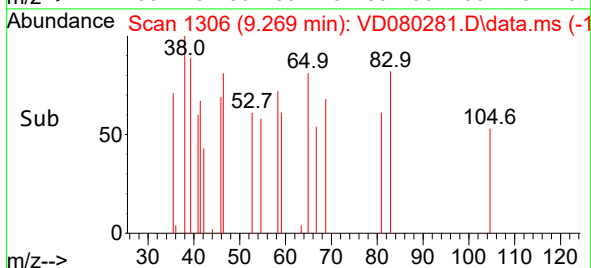
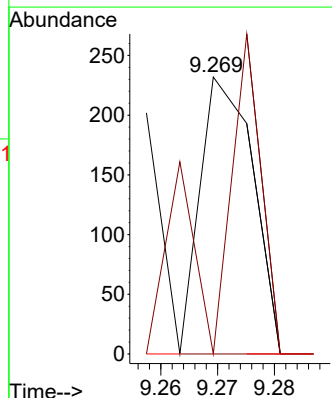
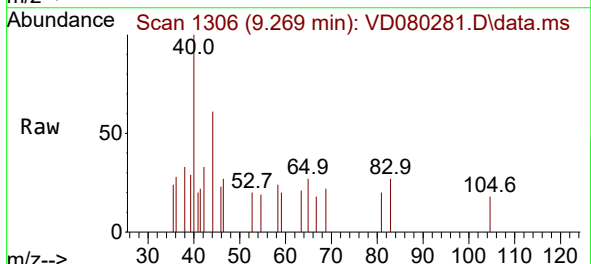
Instrument :  
MSVOA\_D  
ClientSampleId :

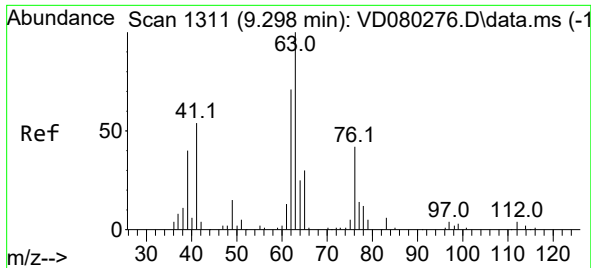
Tgt Ion: 95 Resp: 5707  
Ion Ratio Lower Upper  
95 100  
97 0.0 45.1 83.7#  
132 0.0 69.5 129.1#  
130 0.0 71.0 131.8#



#35  
Methylcyclohexane  
Concen: 0.04 ug/L  
RT: 9.269 min Scan# 1306  
Delta R.T. -0.006 min  
Lab File: VD080281.D  
Acq: 18 Mar 2025 15:14

Tgt Ion: 83 Resp: 150  
Ion Ratio Lower Upper  
83 100  
55 62.7 65.0 97.6#  
98 0.0 39.0 58.6#

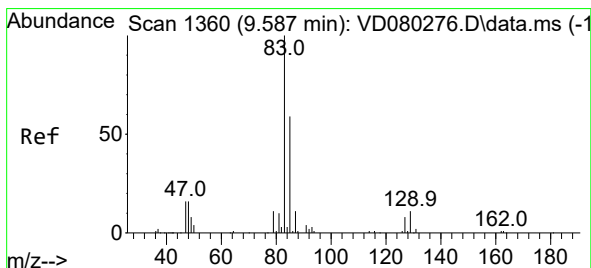
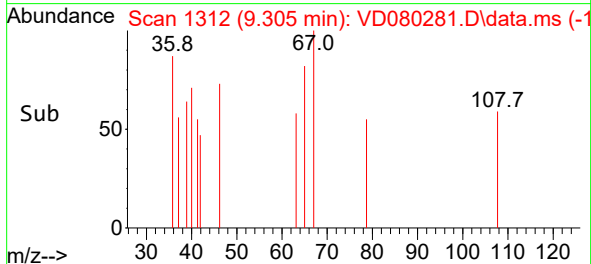
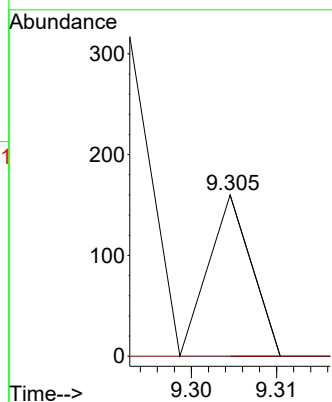
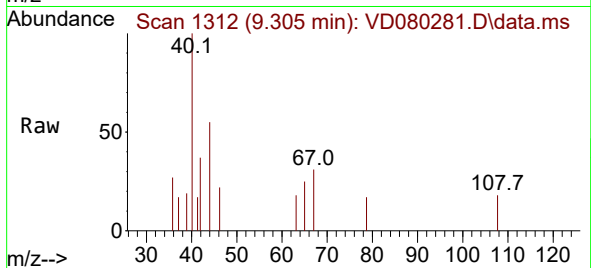




#37  
1,2-Dichloropropane  
Concen: 0.02 ug/L  
RT: 9.305 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VD080281.D  
Acq: 18 Mar 2025 15:14

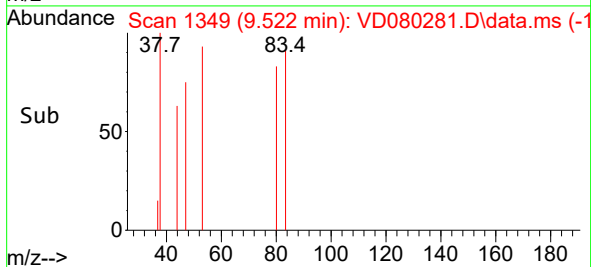
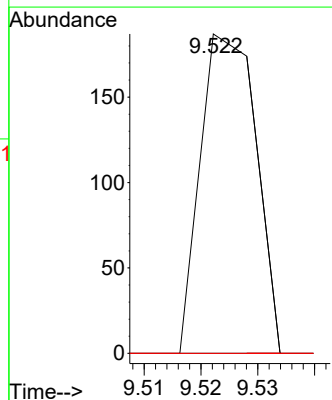
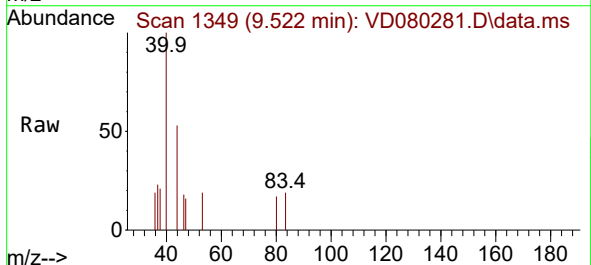
Instrument :  
MSVOA\_D  
ClientSampleId :

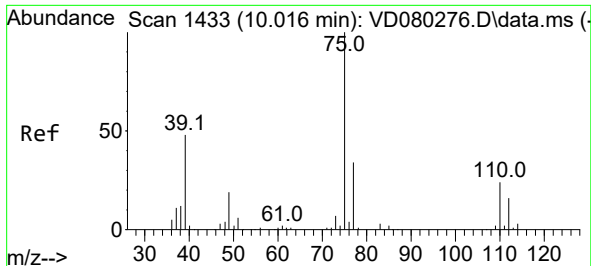
Tgt Ion: 63 Resp: 56  
Ion Ratio Lower Upper  
63 100  
112 0.0 3.4 5.2#



#38  
Bromodichloromethane  
Concen: 0.03 ug/L  
RT: 9.522 min Scan# 1349  
Delta R.T. -0.059 min  
Lab File: VD080281.D  
Acq: 18 Mar 2025 15:14

Tgt Ion: 83 Resp: 127  
Ion Ratio Lower Upper  
83 100  
85 0.0 41.4 77.0#  
127 0.0 6.6 10.0#





#39

cis-1,3-Dichloropropene

Concen: 0.49 ug/L

RT: 9.981 min Scan# 1433

Delta R.T. -0.035 min

Lab File: VD080281.D

Acq: 18 Mar 2025 15:14

Instrument :

MSVOA\_D

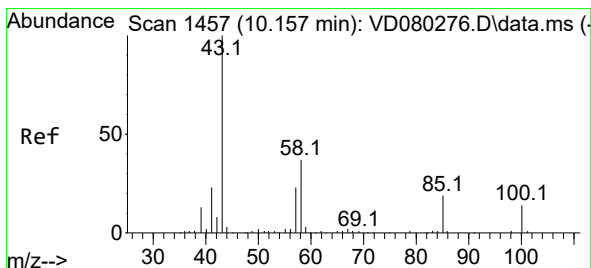
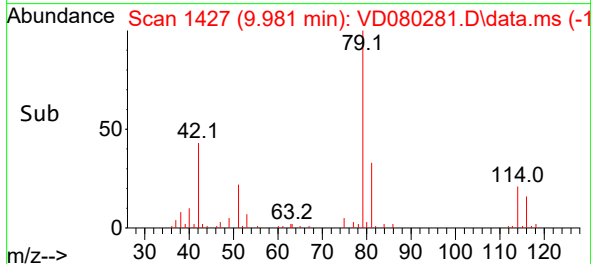
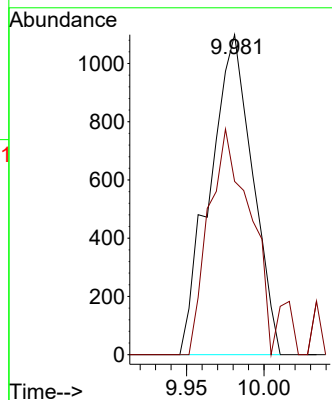
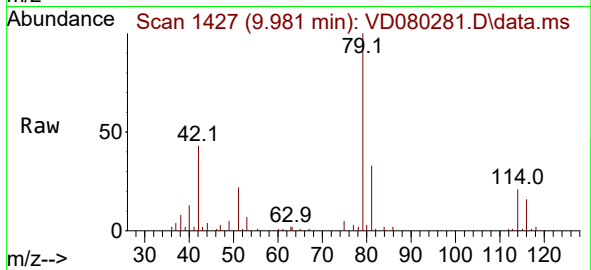
ClientSampleId :

Tgt Ion: 75 Resp: 2104

Ion Ratio Lower Upper

75 100

77 54.1 23.7 43.9#



#40

4-Methyl-2-pentanone

Concen: 0.09 ug/L

RT: 10.152 min Scan# 1456

Delta R.T. -0.006 min

Lab File: VD080281.D

Acq: 18 Mar 2025 15:14

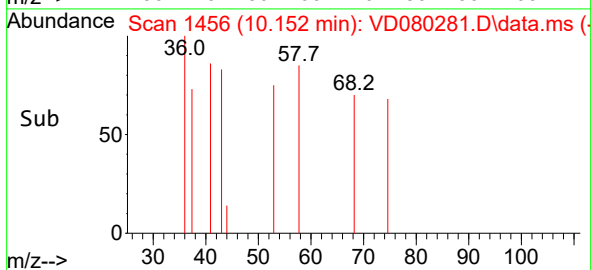
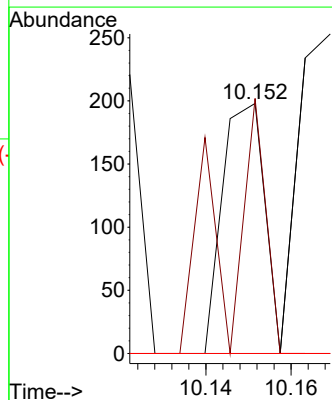
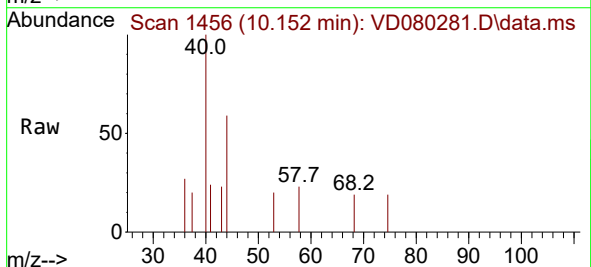
Tgt Ion: 43 Resp: 136

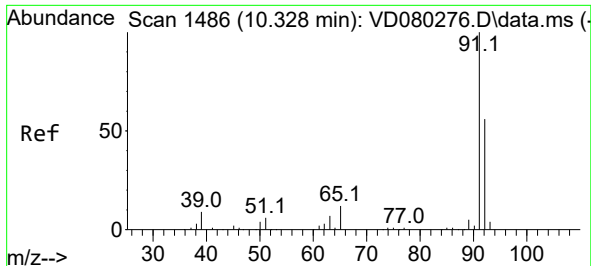
Ion Ratio Lower Upper

43 100

58 52.2 29.9 44.9#

100 0.0 11.3 16.9#





#42

Toluene

Concen: 0.06 ug/L

RT: 10.328 min Scan# 1486

Delta R.T. -0.006 min

Lab File: VD080281.D

Acq: 18 Mar 2025 15:14

Instrument :

MSVOA\_D

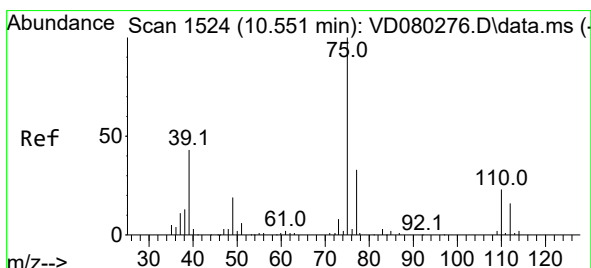
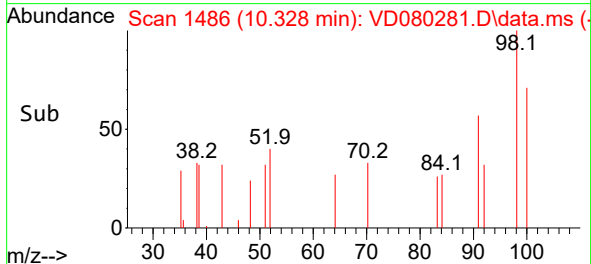
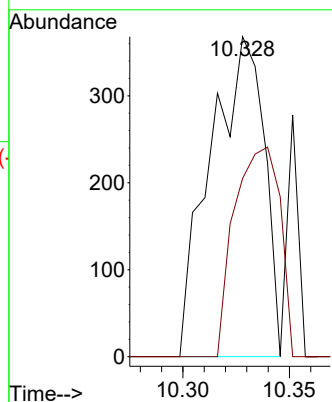
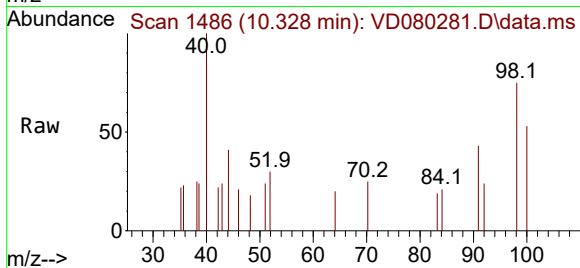
ClientSampleId :

Tgt Ion: 91 Resp: 646

Ion Ratio Lower Upper

91 100

92 55.7 38.9 72.3



#44

trans-1,3-Dichloropropene

Concen: 0.13 ug/L

RT: 10.540 min Scan# 1522

Delta R.T. -0.012 min

Lab File: VD080281.D

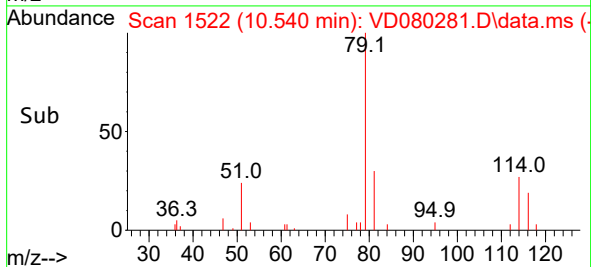
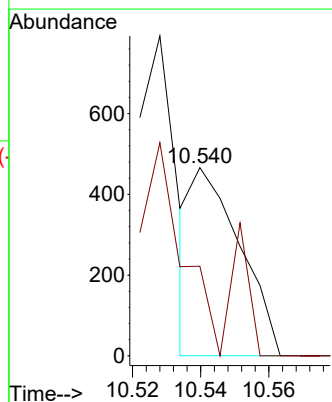
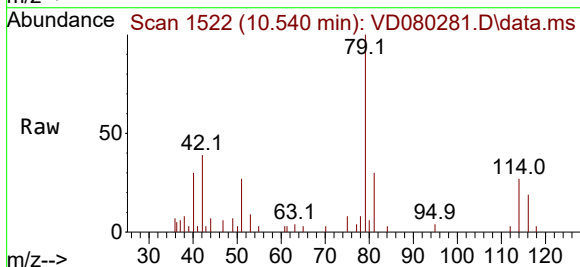
Acq: 18 Mar 2025 15:14

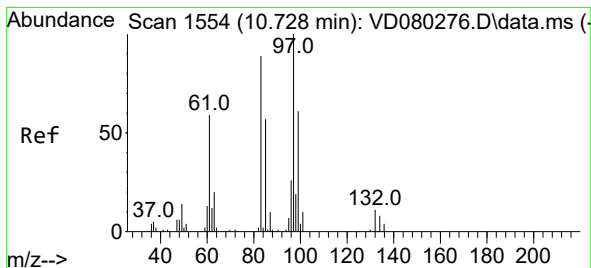
Tgt Ion: 75 Resp: 459

Ion Ratio Lower Upper

75 100

77 47.6 22.9 42.5#





#45

1,1,2-Trichloroethane

Concen: 0.10 ug/L

RT: 10.669 min Scan# 1554

Delta R.T. -0.065 min

Lab File: VD080281.D

Acq: 18 Mar 2025 15:14

Instrument :

MSVOA\_D

ClientSampleId :

Tgt Ion: 97 Resp: 221

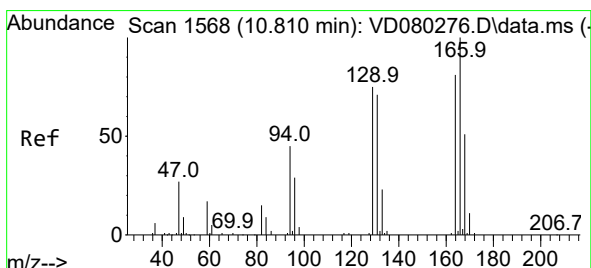
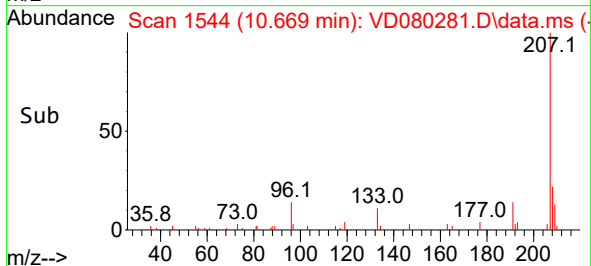
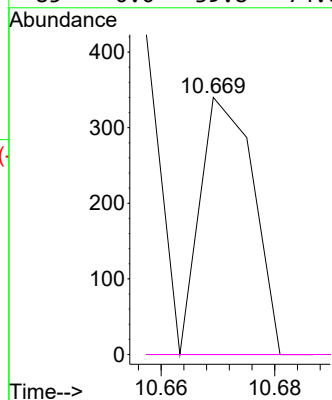
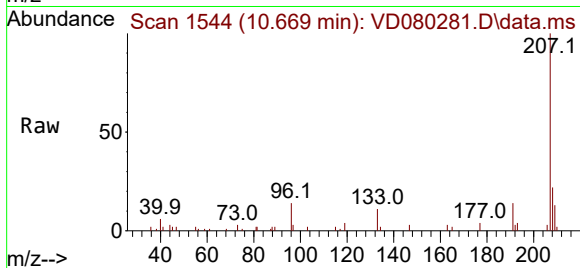
Ion Ratio Lower Upper

97 100

99 0.0 43.0 79.8#

83 0.0 62.2 115.4#

85 0.0 39.8 74.0#



#46

Tetrachloroethene

Concen: 0.05 ug/L

RT: 10.804 min Scan# 1567

Delta R.T. -0.006 min

Lab File: VD080281.D

Acq: 18 Mar 2025 15:14

Tgt Ion: 164 Resp: 114

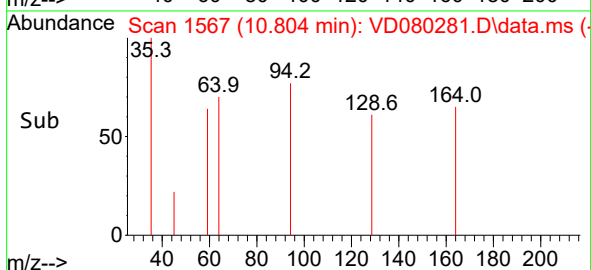
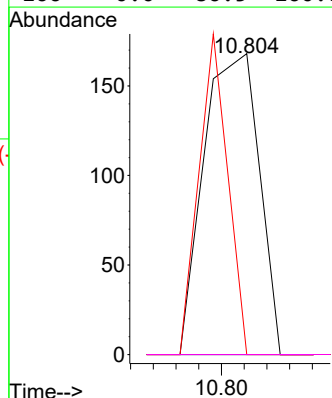
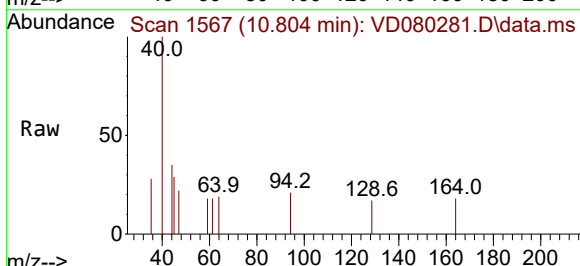
Ion Ratio Lower Upper

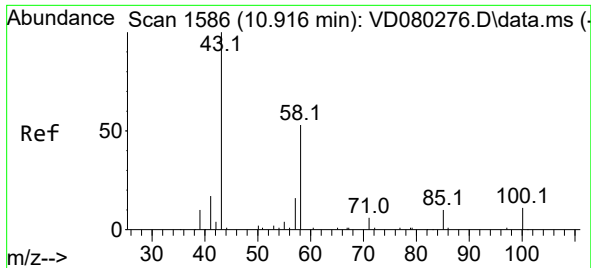
164 100

129 0.0 64.9 120.5#

131 0.0 61.5 114.3#

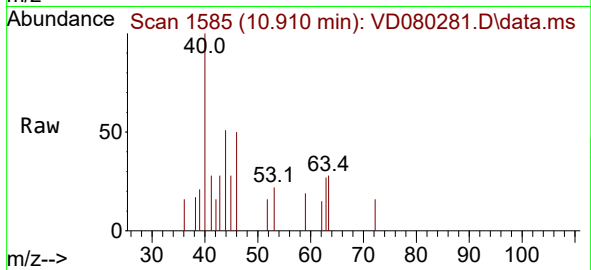
166 0.0 86.5 160.7#



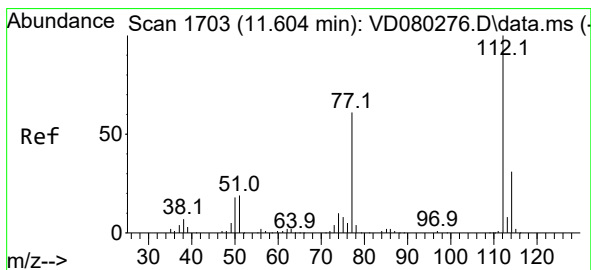
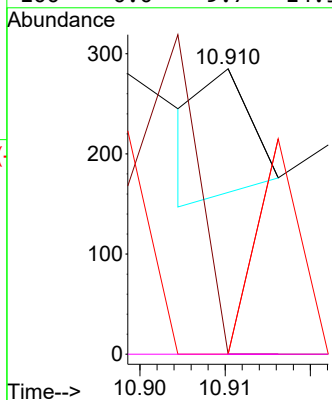


#48  
2-Hexanone  
Concen: 0.04 ug/L  
RT: 10.910 min Scan# 11  
Delta R.T. -0.012 min  
Lab File: VD080281.D  
Acq: 18 Mar 2025 15:14

Instrument :  
MSVOA\_D  
ClientSampleId :

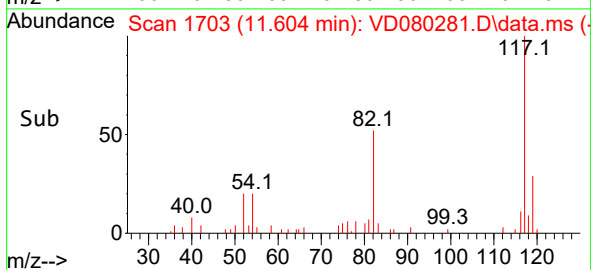
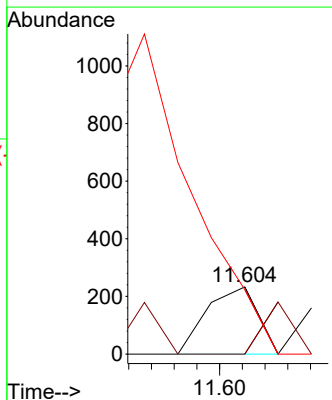
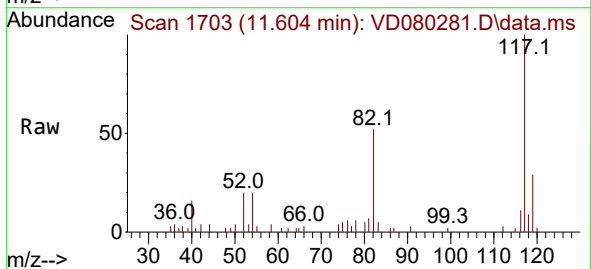


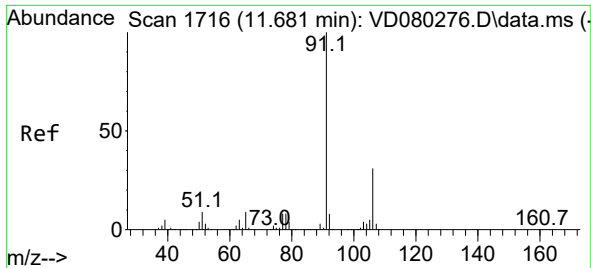
|             |             |
|-------------|-------------|
| Tgt Ion: 43 | Resp: 49    |
| Ion Ratio   | Lower Upper |
| 43 100      |             |
| 58 230.6    | 42.8 64.2#  |
| 57 0.0      | 15.0 22.4#  |
| 100 0.0     | 9.7 14.5#   |



#51  
Chlorobenzene  
Concen: 0.02 ug/L  
RT: 11.604 min Scan# 1703  
Delta R.T. 0.000 min  
Lab File: VD080281.D  
Acq: 18 Mar 2025 15:14

|     |         |       |       |
|-----|---------|-------|-------|
| Tgt | Ion:112 | Resp: | 145   |
| Ion | Ratio   | Lower | Upper |
| 112 | 100     |       |       |
| 114 | 0.0     | 21.8  | 40.6# |
| 77  | 96.1    | 48.8  | 73.2# |

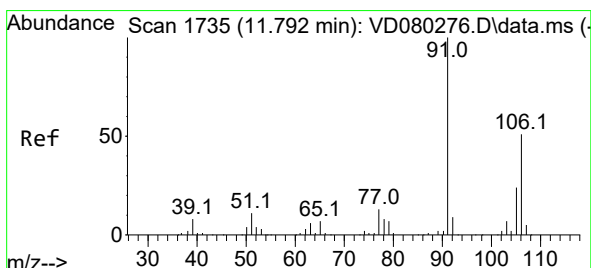
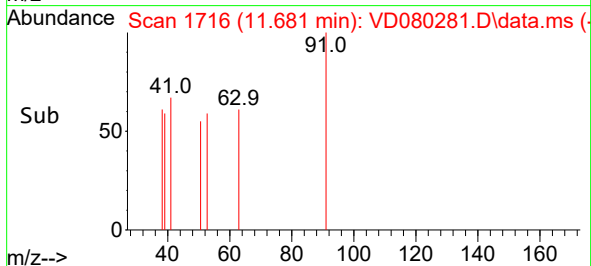
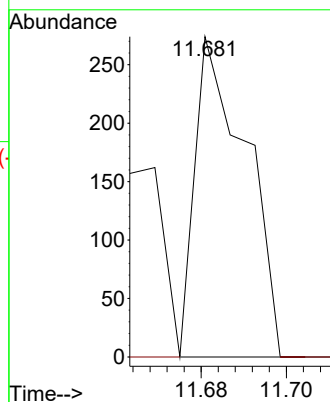
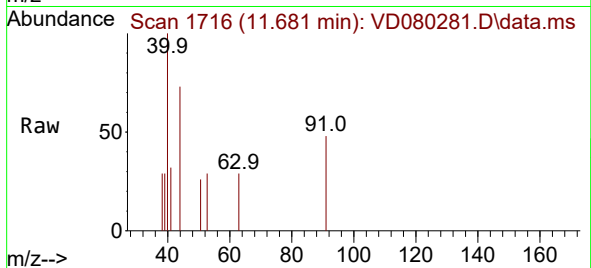




#52  
Ethylbenzene  
Concen: 0.02 ug/L  
RT: 11.681 min Scan# 1716  
Delta R.T. 0.000 min  
Lab File: VD080281.D  
Acq: 18 Mar 2025 15:14

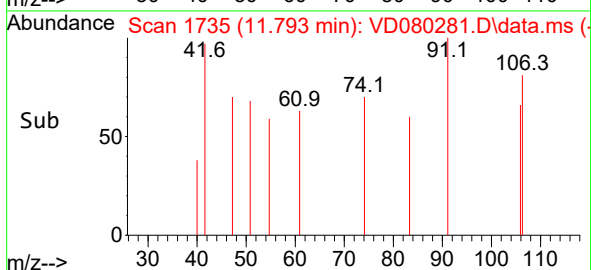
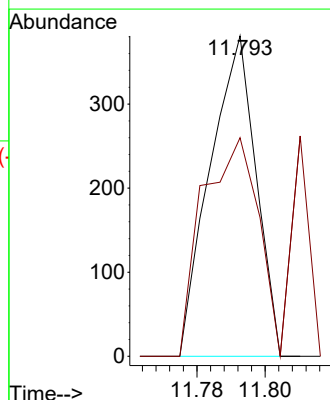
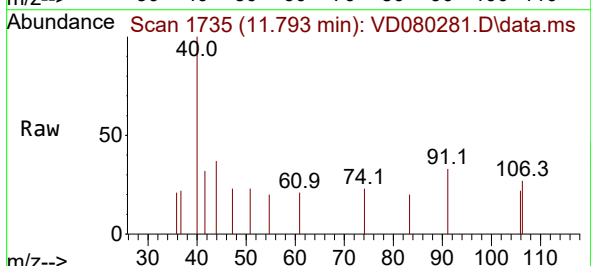
Instrument :  
MSVOA\_D  
ClientSampleId :

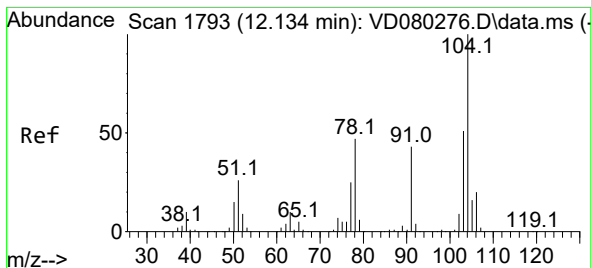
Tgt Ion: 91 Resp: 228  
Ion Ratio Lower Upper  
91 100  
106 0.0 21.4 39.8#



#53  
m,p-Xylene  
Concen: 0.08 ug/L  
RT: 11.793 min Scan# 1735  
Delta R.T. 0.000 min  
Lab File: VD080281.D  
Acq: 18 Mar 2025 15:14

Tgt Ion: 106 Resp: 356  
Ion Ratio Lower Upper  
106 100  
91 68.2 138.0 256.2#





#55

Styrene

Concen: 0.02 ug/L

RT: 12.128 min Scan# 1793

Delta R.T. -0.006 min

Lab File: VD080281.D

Acq: 18 Mar 2025 15:14

Instrument :

MSVOA\_D

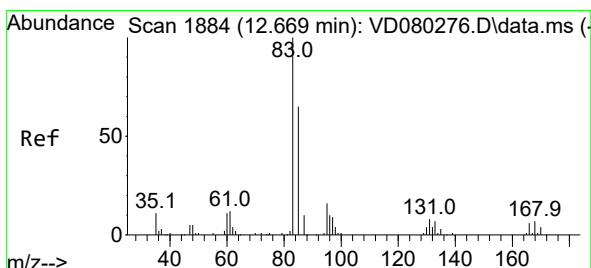
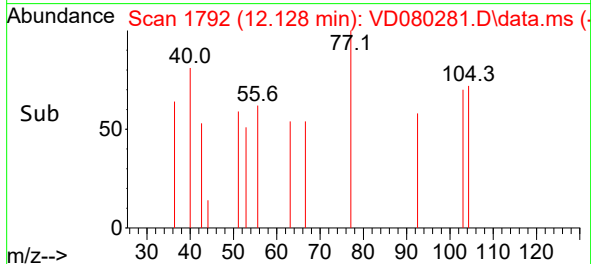
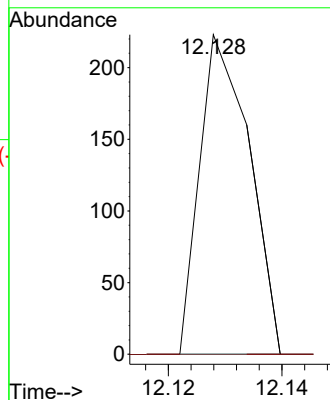
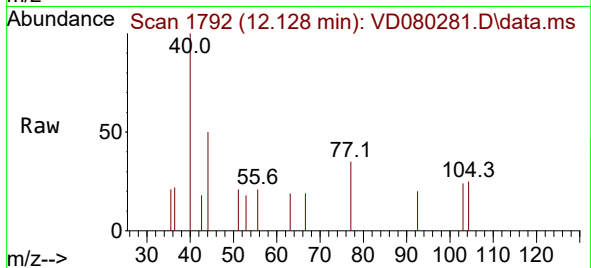
ClientSampleId :

Tgt Ion:104 Resp: 135

Ion Ratio Lower Upper

104 100

78 0.0 32.7 60.7#



#57

1,1,2,2-Tetrachloroethane

Concen: 0.05 ug/L

RT: 12.663 min Scan# 1883

Delta R.T. -0.006 min

Lab File: VD080281.D

Acq: 18 Mar 2025 15:14

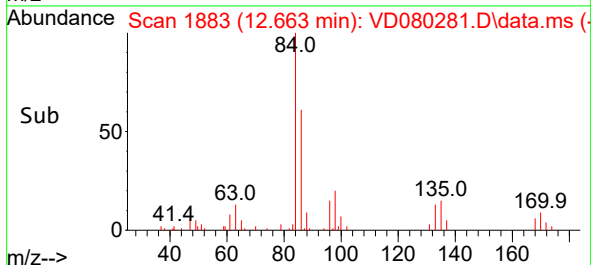
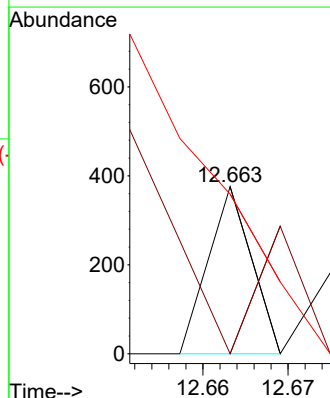
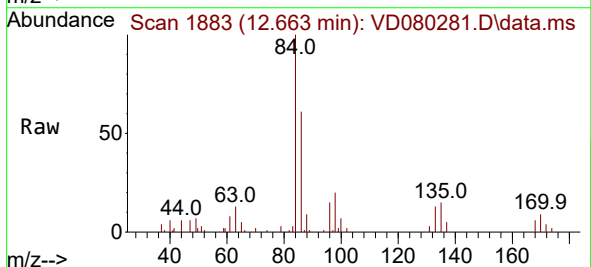
Tgt Ion: 83 Resp: 133

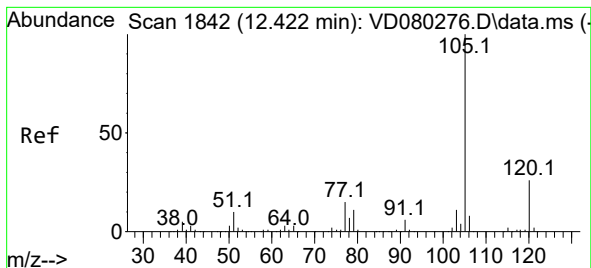
Ion Ratio Lower Upper

83 100

85 0.0 46.1 85.7#

131 95.5 6.9 10.3#





#60

Isopropylbenzene

Concen: 0.01 ug/L

RT: 12.428 min Scan# 1843

Delta R.T. 0.012 min

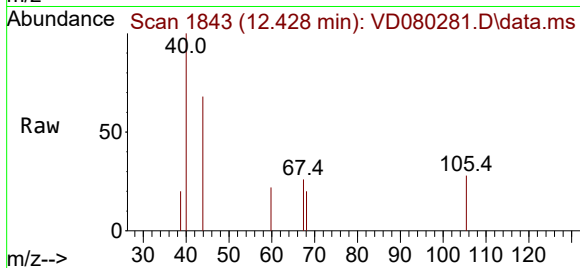
Lab File: VD080281.D

Acq: 18 Mar 2025 15:14

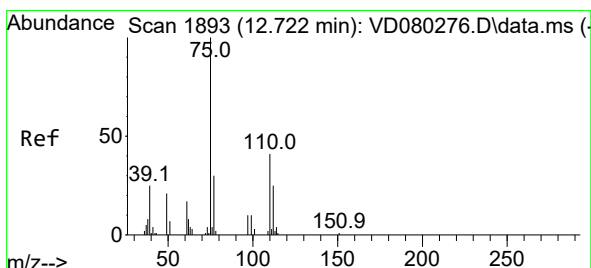
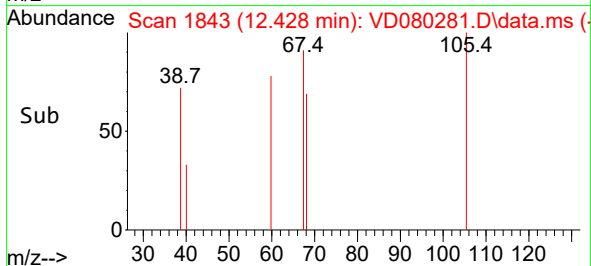
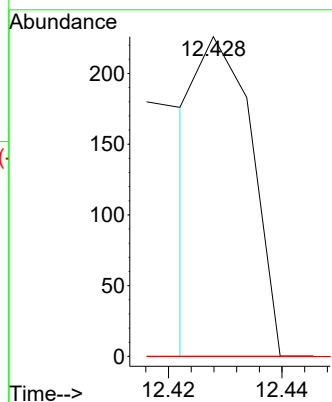
Instrument :

MSVOA\_D

ClientSampleId :



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 105   | Resp: | 144   |
| Ion      | Ratio | Lower | Upper |
| 105      | 100   |       |       |
| 120      | 0.0   | 20.6  | 31.0# |
| 77       | 0.0   | 12.5  | 18.7# |



#61

1,2,3-Trichloropropane

Concen: 0.04 ug/L

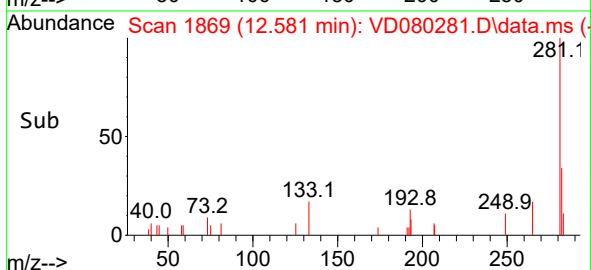
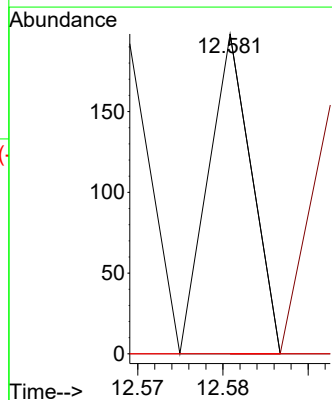
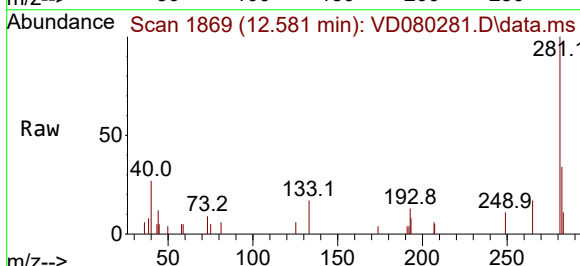
RT: 12.581 min Scan# 1869

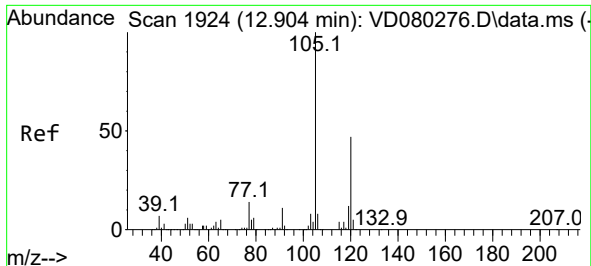
Delta R.T. -0.141 min

Lab File: VD080281.D

Acq: 18 Mar 2025 15:14

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 75    | Resp: | 70    |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 77       | 0.0   | 25.5  | 38.3# |
| 110      | 0.0   | 30.7  | 46.1# |





#62

1,3,5-Trimethylbenzene

Concen: 0.02 ug/L

RT: 13.198 min Scan# 1974

Delta R.T. 0.300 min

Lab File: VD080281.D

Acq: 18 Mar 2025 15:14

Instrument :

MSVOA\_D

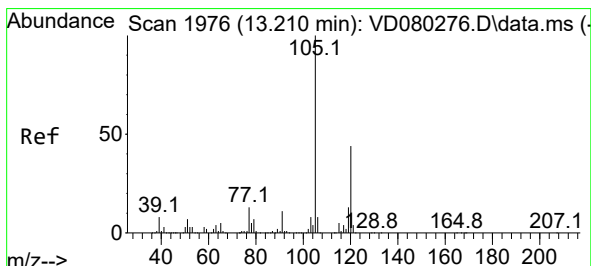
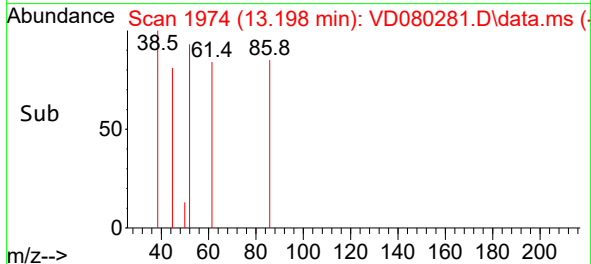
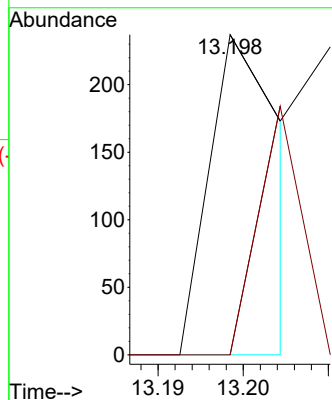
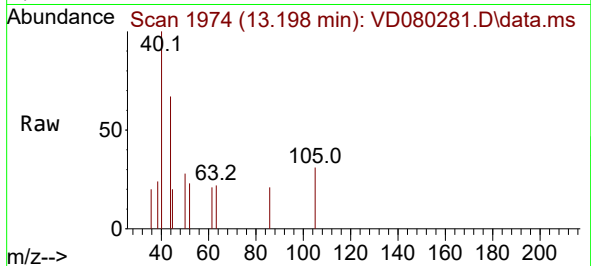
ClientSampleId :

Tgt Ion:105 Resp: 145

Ion Ratio Lower Upper

105 100

120 44.8 38.0 57.0



#63

1,2,4-Trimethylbenzene

Concen: 0.02 ug/L

RT: 13.198 min Scan# 1974

Delta R.T. -0.012 min

Lab File: VD080281.D

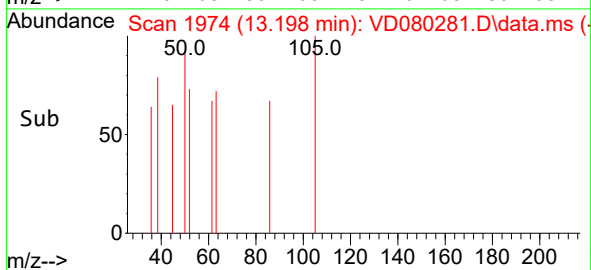
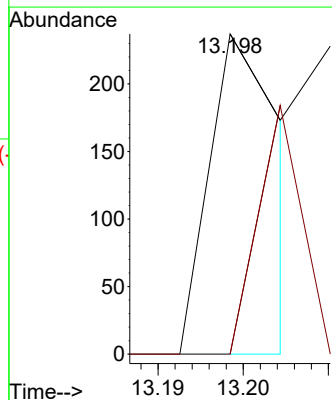
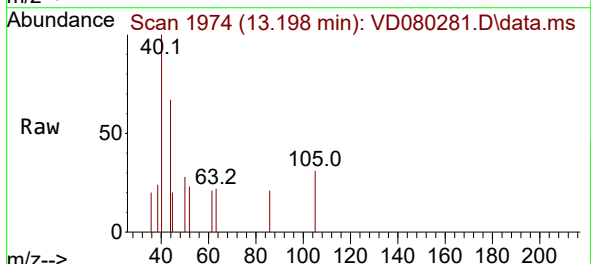
Acq: 18 Mar 2025 15:14

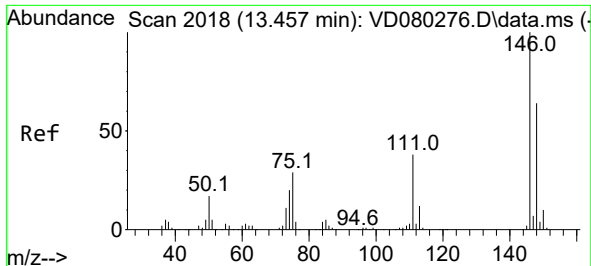
Tgt Ion:105 Resp: 145

Ion Ratio Lower Upper

105 100

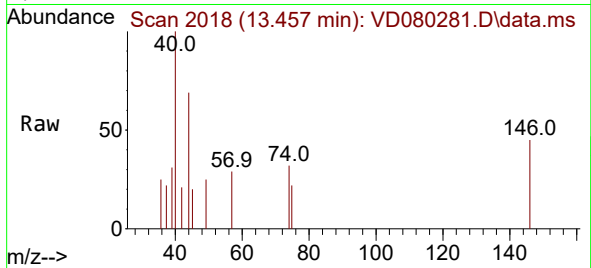
120 44.8 36.2 54.4



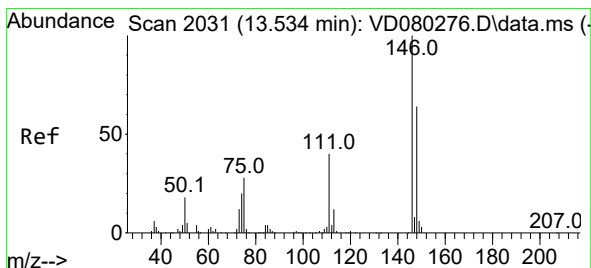
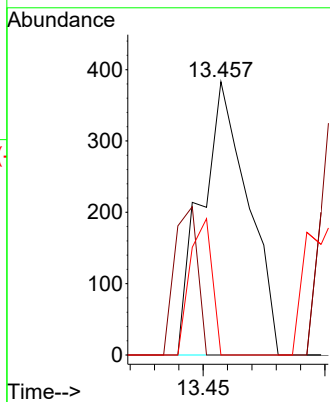
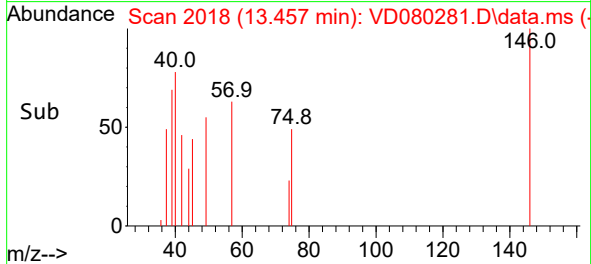


#64  
1,3-Dichlorobenzene  
Concen: 0.10 ug/L  
RT: 13.457 min Scan# 2018  
Delta R.T. 0.000 min  
Lab File: VD080281.D  
Acq: 18 Mar 2025 15:14

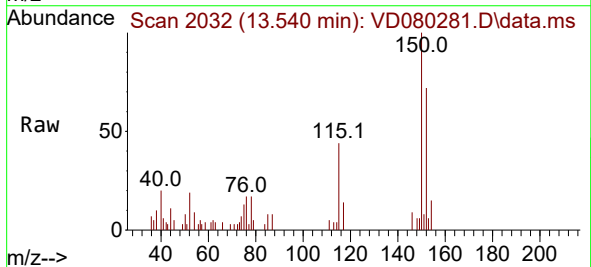
Instrument :  
MSVOA\_D  
ClientSampleId :



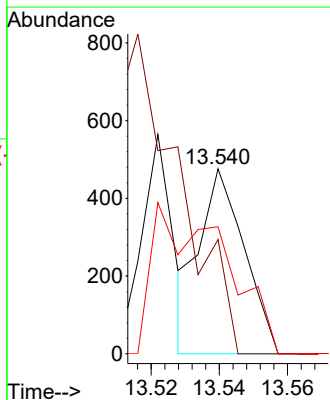
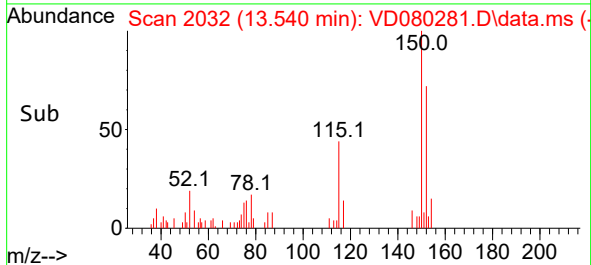
Tgt Ion:146 Resp: 513  
Ion Ratio Lower Upper  
146 100  
111 0.0 26.9 49.9#  
148 0.0 44.5 82.7#

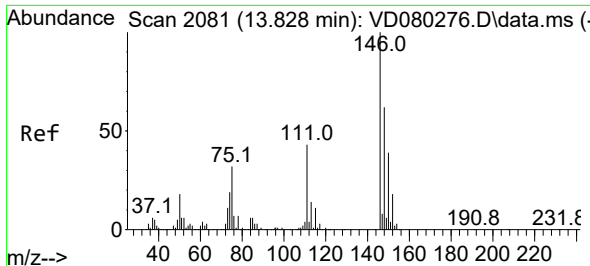


#65  
1,4-Dichlorobenzene  
Concen: 0.08 ug/L  
RT: 13.540 min Scan# 2032  
Delta R.T. 0.006 min  
Lab File: VD080281.D  
Acq: 18 Mar 2025 15:14



Tgt Ion:146 Resp: 429  
Ion Ratio Lower Upper  
146 100  
111 61.8 27.9 51.7#  
148 68.7 45.1 83.9





#67

1,2-Dichlorobenzene

Concen: 0.06 ug/L

RT: 13.828 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VD080281.D

Acq: 18 Mar 2025 15:14

Instrument :

MSVOA\_D

ClientSampleId :

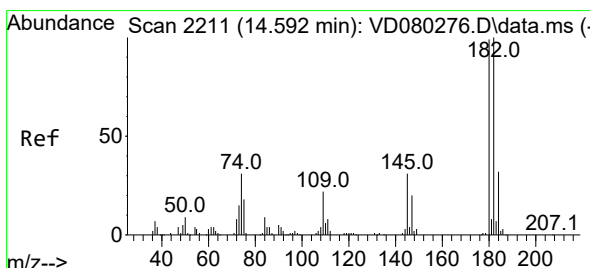
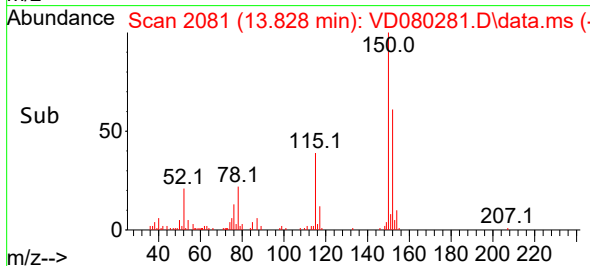
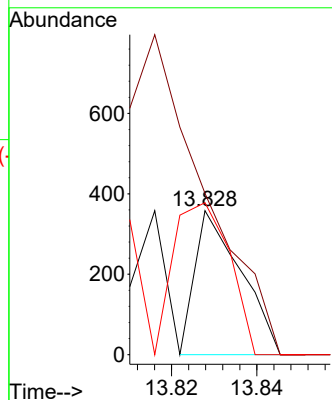
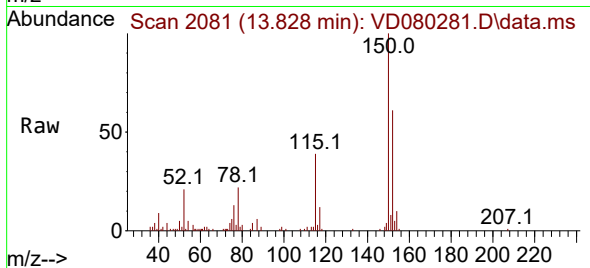
Tgt Ion:146 Resp: 269

Ion Ratio Lower Upper

146 100

111 112.0 34.2 51.2#

148 105.6 49.8 74.8#



#69

1,3,5-Trichlorobenzene

Concen: 0.02 ug/L

RT: 14.587 min Scan# 2210

Delta R.T. -0.006 min

Lab File: VD080281.D

Acq: 18 Mar 2025 15:14

Tgt Ion:180 Resp: 72

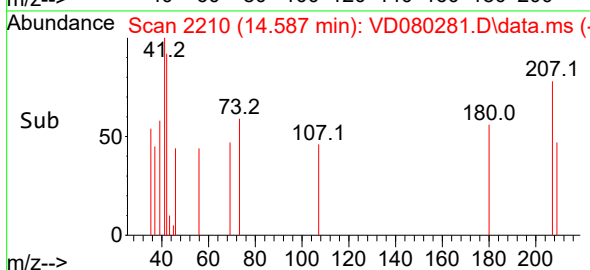
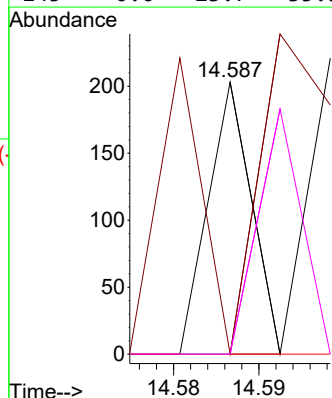
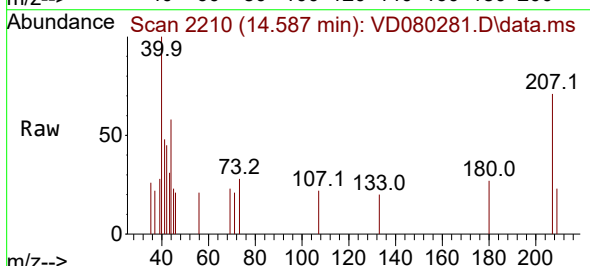
Ion Ratio Lower Upper

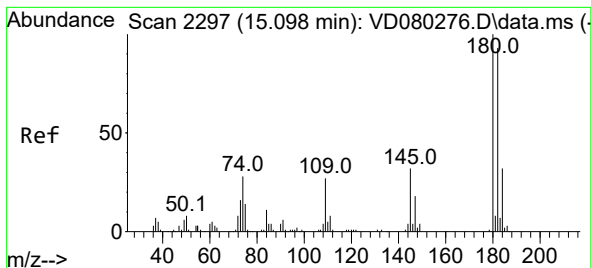
180 100

182 208.3 77.0 115.4#

184 0.0 24.0 36.0#

145 0.0 23.7 35.5#





#70

1,2,4-trichlorobenzene

Concen: 0.19 ug/L

RT: 15.087 min Scan# 21

Delta R.T. -0.012 min

Lab File: VD080281.D

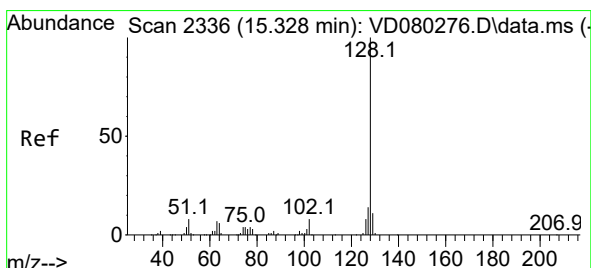
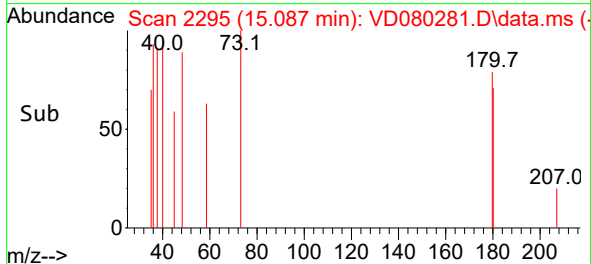
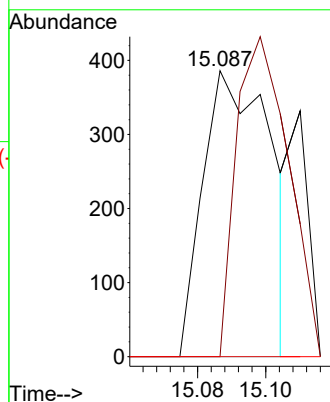
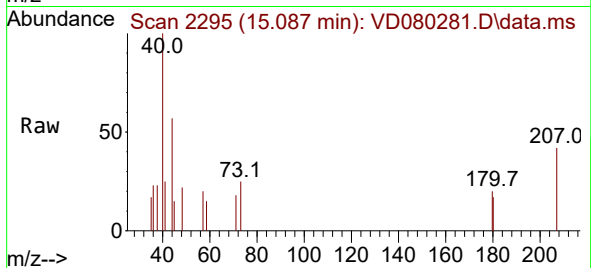
Acq: 18 Mar 2025 15:14

Instrument :

MSVOA\_D

ClientSampleId :

|             |       |            |
|-------------|-------|------------|
| Tgt Ion:180 | Resp: | 540        |
| Ion Ratio   | Lower | Upper      |
| 180         | 100   |            |
| 182         | 84.8  | 75.4 113.0 |
| 145         | 0.0   | 23.1 34.7# |



#71

Naphthalene

Concen: 0.10 ug/L

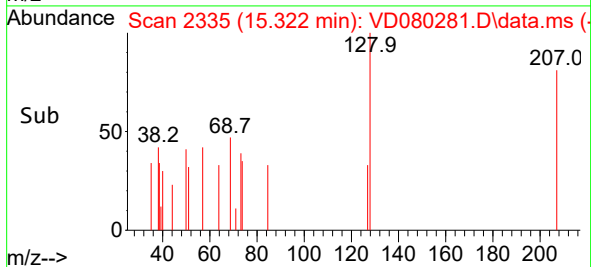
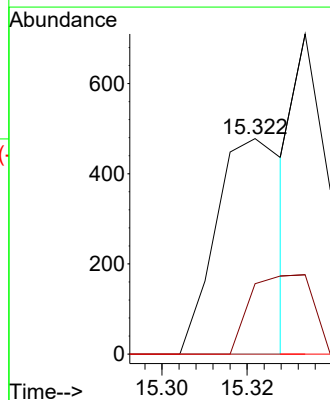
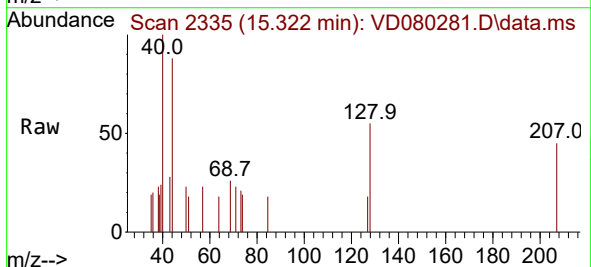
RT: 15.322 min Scan# 2335

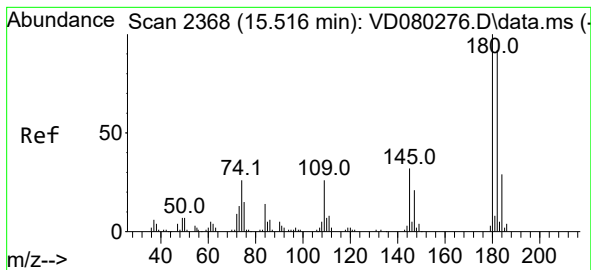
Delta R.T. -0.006 min

Lab File: VD080281.D

Acq: 18 Mar 2025 15:14

|             |       |            |
|-------------|-------|------------|
| Tgt Ion:128 | Resp: | 538        |
| Ion Ratio   | Lower | Upper      |
| 128         | 100   |            |
| 127         | 0.0   | 11.4 17.2# |
| 129         | 0.0   | 9.0 13.4#  |





#72

1,2,3-Trichlorobenzene

Concen: 0.09 ug/L

RT: 15.516 min Scan# 21

Delta R.T. 0.000 min

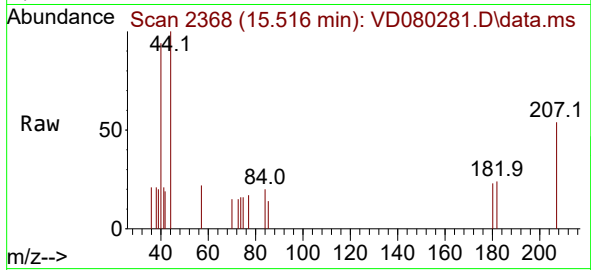
Lab File: VD080281.D

Acq: 18 Mar 2025 15:14

Instrument :

MSVOA\_D

ClientSampleId :



|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 180   | Resp: | 229    |
| Ion      | Ratio | Lower | Upper  |
| 180      | 100   |       |        |
| 182      | 0.0   | 73.8  | 110.6# |
| 145      | 0.0   | 24.8  | 37.2#  |

