

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD092523\  
 Data File : VD077216.D  
 Acq On : 25 Sep 2023 14:46  
 Operator : JC/SY  
 Sample : VIBLK  
 Misc : 5.00G/10.0ml/MSVOA\_D/SOIL  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :

Quant Time: Sep 26 00:45:38 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\SFAMDLM092523SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Mon Sep 25 23:07:59 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 8.781  | 114   | 271781   | 25.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 11.581 | 117   | 279797   | 25.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.522 | 152   | 133243   | 25.000   | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 2.275  | 65    | 125200   | 17.417   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 69.680%  |
| 7) Chloroethane-d5            | 2.805  | 69    | 122264   | 26.991   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 107.960% |
| 11) 1,1-Dichloroethene-d2     | 3.922  | 65    | 35943    | 17.772   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =      | 71.080%  |
| 21) 2-Butanone-d5             | 6.987  | 46    | 57063    | 43.814   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 87.620%  |
| 24) Chloroform-d              | 7.569  | 84    | 204288   | 19.934   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =      | 79.720%  |
| 26) 1,2-Dichloroethane-d4     | 8.228  | 65    | 105487   | 20.692   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =      | 82.760%  |
| 32) Benzene-d6                | 8.204  | 84    | 394286   | 19.400   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =      | 77.600%  |
| 36) 1,2-Dichloropropane-d6    | 9.210  | 67    | 128278   | 20.307   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =      | 81.240%  |
| 41) Toluene-d8                | 10.269 | 98    | 340297   | 19.060   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =      | 76.240%  |
| 43) trans-1,3-Dichloroprop... | 10.522 | 79    | 49372    | 19.221   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =      | 76.880%  |
| 47) 2-Hexanone-d5             | 10.881 | 63    | 42850    | 42.404   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 84.800%  |
| 56) 1,1,2,2-Tetrachloroeth... | 12.651 | 84    | 117855   | 20.648   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =      | 82.600%  |
| 66) 1,2-Dichlorobenzene-d4    | 13.816 | 152   | 114780   | 20.897   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =      | 83.600%  |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 3) Chloromethane              | 2.146  | 50    | 2677     | 0.467    | ug/L   | 95       |
| 5) Vinyl chloride             | 2.281  | 62    | 2599     | 0.381    | ug/L # | 11       |
| 6) Bromomethane               | 2.693  | 94    | 2008     | 0.481    | ug/L   | 92       |
| 8) Chloroethane               | 2.840  | 64    | 2256     | 0.674    | ug/L # | 70       |
| 9) Trichlorofluoromethane     | 3.175  | 101   | 3119     | 0.442    | ug/L # | 74       |
| 12) 1,1-Dichloroethene        | 3.940  | 96    | 2118     | 0.503    | ug/L # | 1        |
| 19) 1,1-Dichloroethane        | 6.110  | 63    | 3724     | 0.417    | ug/L   | 93       |
| 25) Chloroform                | 7.593  | 83    | 3316     | 0.335    | ug/L   | 92       |
| 33) Benzene                   | 8.246  | 78    | 7948     | 0.385    | ug/L   | 100      |
| 34) Trichloroethene           | 9.028  | 95    | 1926     | 0.369    | ug/L # | 87       |
| 35) Methylcyclohexane         | 9.275  | 83    | 2810     | 0.387    | ug/L # | 86       |
| 37) 1,2-Dichloropropane       | 9.310  | 63    | 2692     | 0.475    | ug/L # | 87       |
| 38) Bromodichloromethane      | 9.575  | 83    | 2938     | 0.390    | ug/L # | 95       |
| 40) 4-Methyl-2-pentanone      | 10.163 | 43    | 2992     | 0.921    | ug/L   | 89       |
| 42) Toluene                   | 10.334 | 91    | 9660     | 0.433    | ug/L   | 85       |
| 45) 1,1,2-Trichloroethane     | 10.728 | 97    | 2156     | 0.447    | ug/L # | 83       |
| 46) Tetrachloroethene         | 10.804 | 164   | 1883     | 0.461    | ug/L # | 64       |
| 48) 2-Hexanone                | 10.928 | 43    | 2760     | 1.108    | ug/L # | 80       |
| 49) Dibromochloromethane      | 11.075 | 129   | 2280     | 0.424    | ug/L   | 99       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD092523\  
 Data File : VD077216.D  
 Acq On : 25 Sep 2023 14:46  
 Operator : JC/SY  
 Sample : VIBLK  
 Misc : 5.00G/10.0ml/MSVOA\_D/SOIL  
 ALS Vial : 9 Sample Multiplier: 1

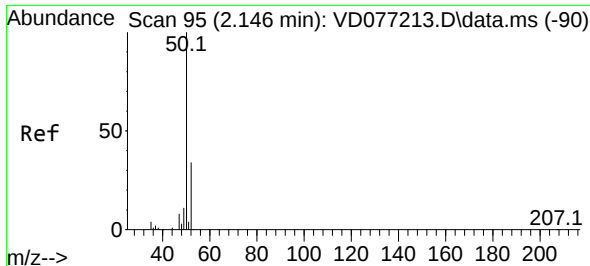
Instrument :  
 MSVOA\_D  
 ClientSampleId :

Quant Time: Sep 26 00:45:38 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\SFAMDLM092523SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Mon Sep 25 23:07:59 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|-------|--------|----------|
| -----                         |        |      |          |       |        |          |
| 50) 1,2-Dibromoethane         | 11.181 | 107  | 2130     | 0.472 | ug/L # | 59       |
| 51) Chlorobenzene             | 11.604 | 112  | 6623     | 0.438 | ug/L # | 87       |
| 52) Ethylbenzene              | 11.687 | 91   | 9037     | 0.374 | ug/L   | 96       |
| 53) m,p-Xylene                | 11.787 | 106  | 2638     | 0.286 | ug/L # | 53       |
| 54) o-Xylene                  | 12.122 | 106  | 3311     | 0.368 | ug/L   | 79       |
| 55) Styrene                   | 12.134 | 104  | 5514     | 0.338 | ug/L   | 92       |
| 57) 1,1,2,2-Tetrachloroethane | 12.675 | 83   | 3023     | 0.524 | ug/L # | 82       |
| 59) Bromoform                 | 12.298 | 173  | 1292     | 0.431 | ug/L   | 91       |
| 60) Isopropylbenzene          | 12.422 | 105  | 7668     | 0.368 | ug/L # | 91       |
| 61) 1,2,3-Trichloropropane    | 12.722 | 75   | 1614     | 0.478 | ug/L # | 52       |
| 62) 1,3,5-Trimethylbenzene    | 12.898 | 105  | 5924     | 0.372 | ug/L   | 97       |
| 63) 1,2,4-Trimethylbenzene    | 13.210 | 105  | 6307     | 0.399 | ug/L   | 97       |
| 64) 1,3-Dichlorobenzene       | 13.463 | 146  | 5469     | 0.540 | ug/L # | 92       |
| 65) 1,4-Dichlorobenzene       | 13.545 | 146  | 6279     | 0.593 | ug/L   | 87       |
| 67) 1,2-Dichlorobenzene       | 13.822 | 146  | 4921     | 0.527 | ug/L # | 79       |
| 69) 1,3,5-Trichlorobenzene    | 15.098 | 180  | 4046     | 0.607 | ug/L   | 94       |
| 70) 1,2,4-trichlorobenzene    | 15.098 | 180  | 4046     | 0.709 | ug/L   | 92       |
| 71) Naphthalene               | 15.333 | 128  | 8468     | 0.717 | ug/L # | 86       |
| 72) 1,2,3-Trichlorobenzene    | 15.522 | 180  | 3171     | 0.595 | ug/L   | 92       |
| -----                         |        |      |          |       |        |          |

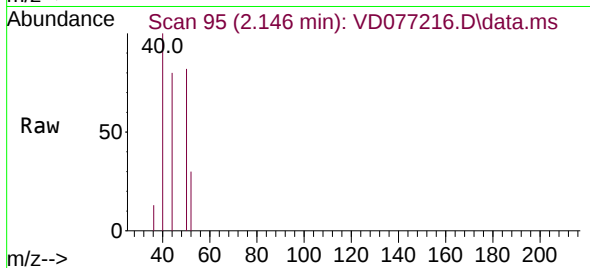
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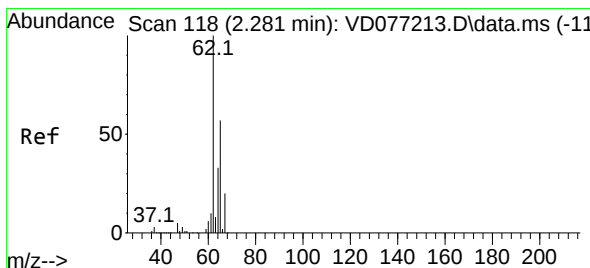
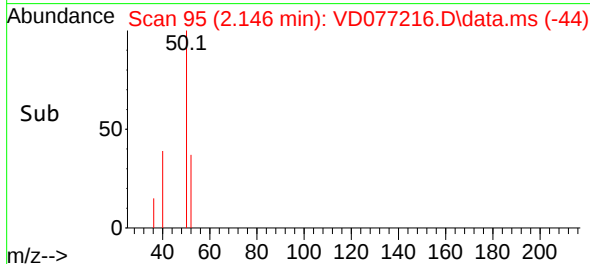
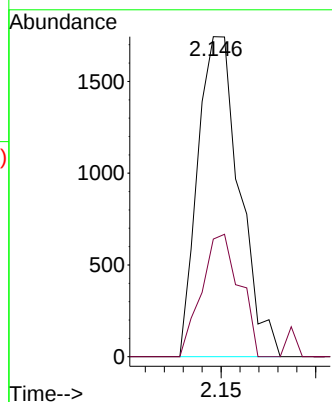


#3  
Chloromethane  
Concen: 0.467 ug/L  
RT: 2.146 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VD077216.D  
Acq: 25 Sep 2023 14:46

Instrument :  
MSVOA\_D  
ClientSampleId :

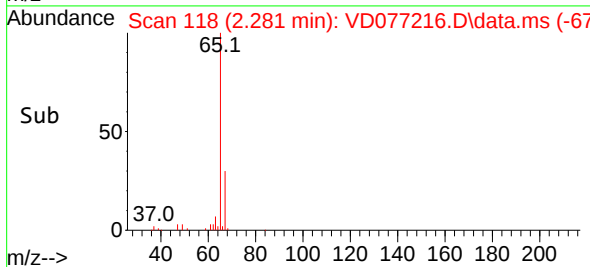
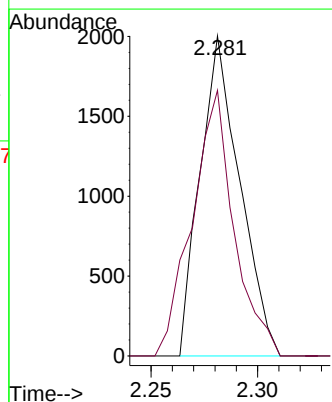
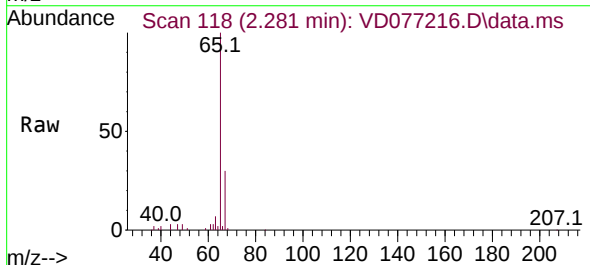


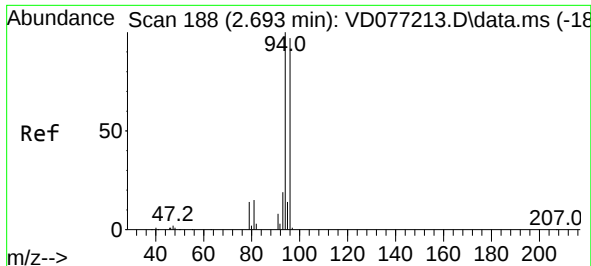
Tgt Ion: 50 Resp: 2677  
Ion Ratio Lower Upper  
50 100  
52 36.8 23.6 43.8



#5  
Vinyl chloride  
Concen: 0.381 ug/L  
RT: 2.281 min Scan# 118  
Delta R.T. -0.000 min  
Lab File: VD077216.D  
Acq: 25 Sep 2023 14:46

Tgt Ion: 62 Resp: 2599  
Ion Ratio Lower Upper  
62 100  
64 83.0 23.0 42.8#

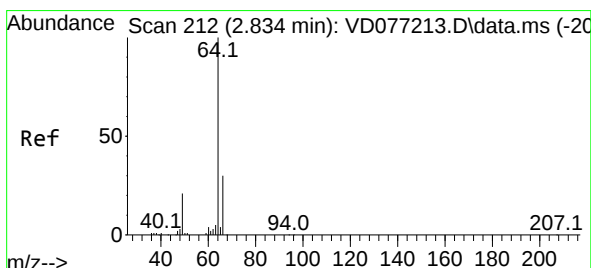
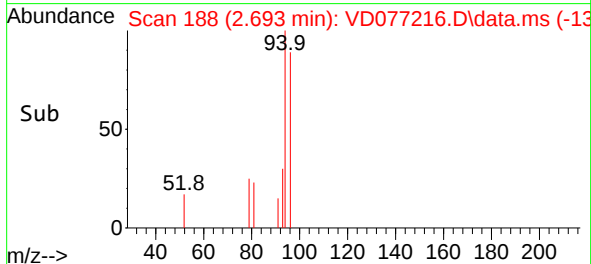
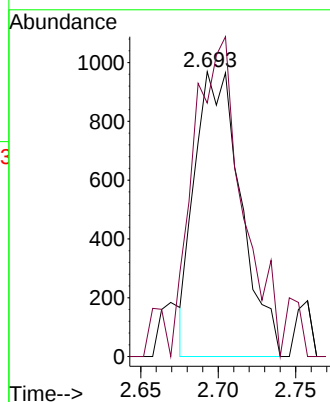
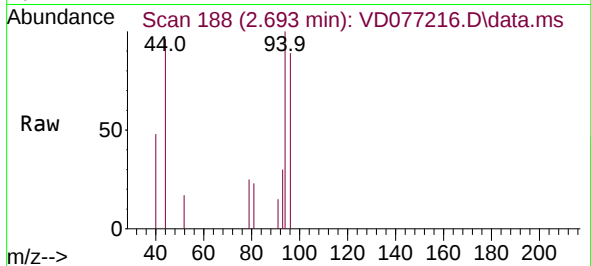




#6  
Bromomethane  
Concen: 0.481 ug/L  
RT: 2.693 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VD077216.D  
Acq: 25 Sep 2023 14:46

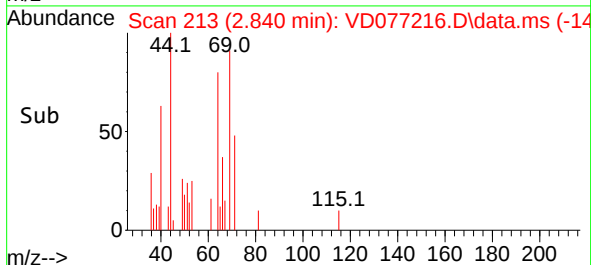
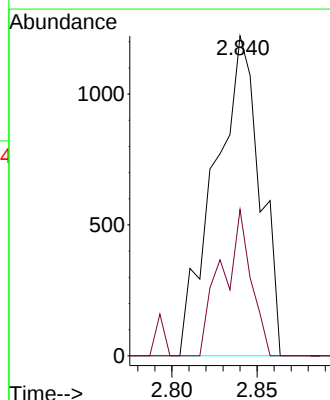
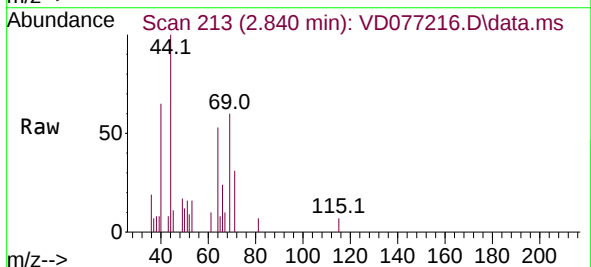
Instrument :  
MSVOA\_D  
ClientSampleId :

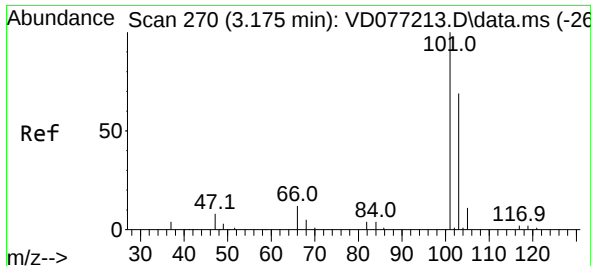
Tgt Ion: 94 Resp: 2008  
Ion Ratio Lower Upper  
94 100  
96 89.0 67.8 125.8



#8  
Chloroethane  
Concen: 0.674 ug/L  
RT: 2.840 min Scan# 213  
Delta R.T. 0.006 min  
Lab File: VD077216.D  
Acq: 25 Sep 2023 14:46

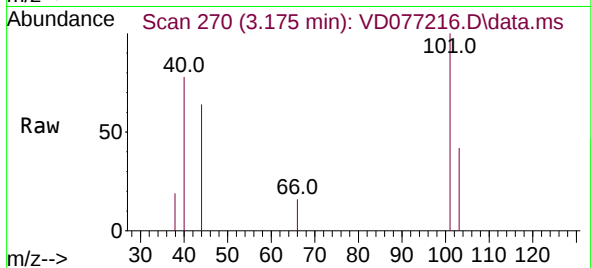
Tgt Ion: 64 Resp: 2256  
Ion Ratio Lower Upper  
64 100  
66 45.7 20.8 38.6#



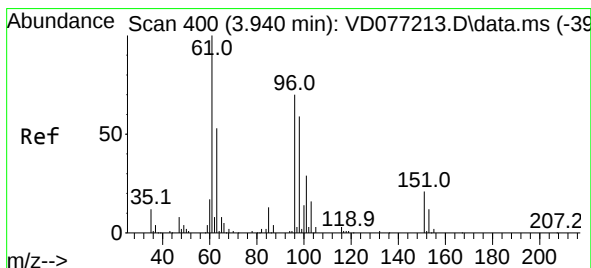
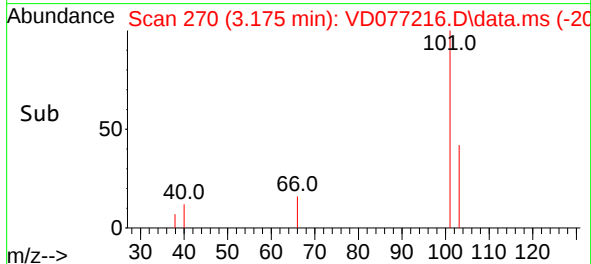
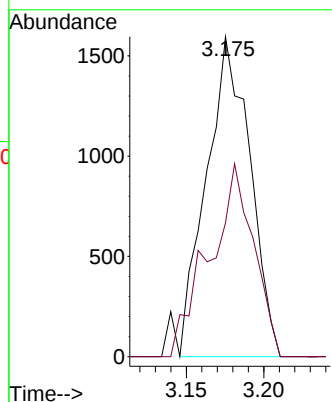


#9  
 Trichlorofluoromethane  
 Concen: 0.442 ug/L  
 RT: 3.175 min Scan# 21  
 Delta R.T. -0.000 min  
 Lab File: VD077216.D  
 Acq: 25 Sep 2023 14:46

Instrument :  
 MSVOA\_D  
 ClientSampleId :

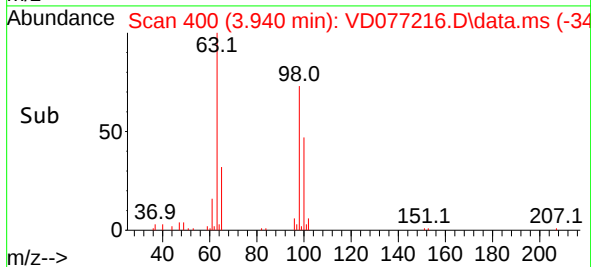
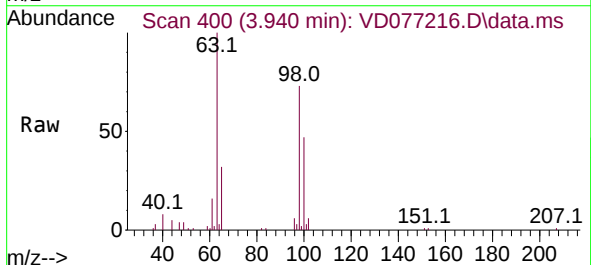
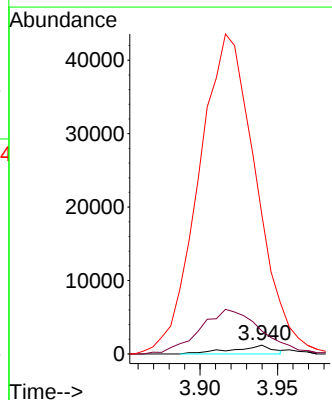


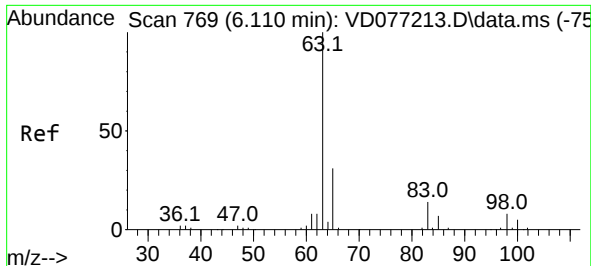
Tgt Ion:101 Resp: 3119  
 Ion Ratio Lower Upper  
 101 100  
 103 45.3 52.9 79.3#



#12  
 1,1-Dichloroethene  
 Concen: 0.503 ug/L  
 RT: 3.940 min Scan# 400  
 Delta R.T. -0.000 min  
 Lab File: VD077216.D  
 Acq: 25 Sep 2023 14:46

Tgt Ion: 96 Resp: 2118  
 Ion Ratio Lower Upper  
 96 100  
 61 261.5 102.1 189.5#  
 63 1585.2 63.3 117.5#





#19

1,1-Dichloroethane

Concen: 0.417 ug/L

RT: 6.110 min Scan# 769

Delta R.T. -0.000 min

Lab File: VD077216.D

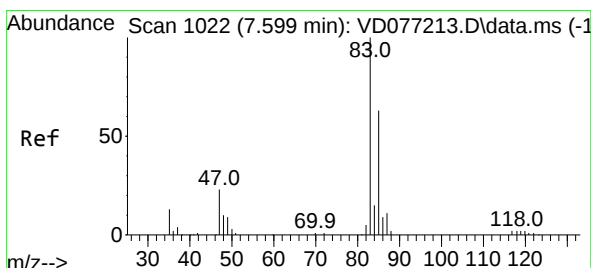
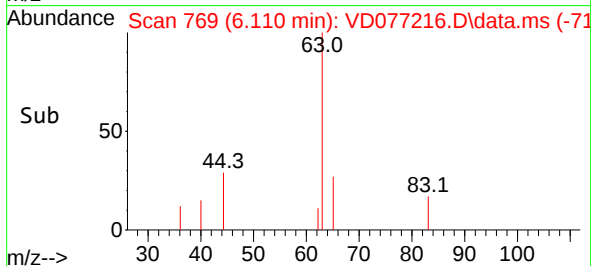
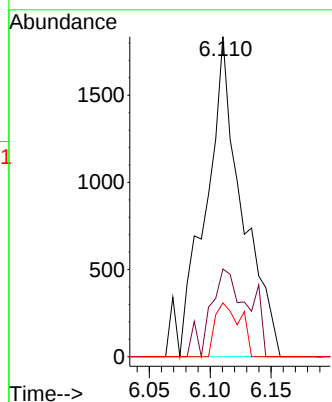
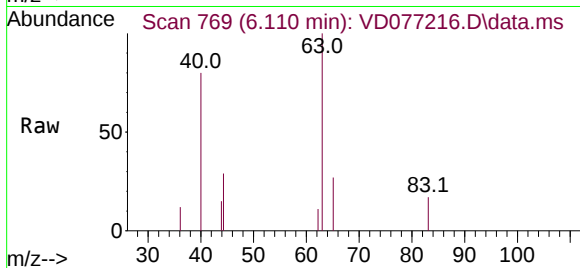
Acq: 25 Sep 2023 14:46

Instrument :

MSVOA\_D

ClientSampleId :

|             |            |           |
|-------------|------------|-----------|
| Tgt Ion: 63 | Resp: 3724 |           |
| Ion Ratio   | Lower      | Upper     |
| 63          | 100        |           |
| 65          | 27.4       | 21.9 40.7 |
| 83          | 16.8       | 10.0 18.6 |



#25

Chloroform

Concen: 0.335 ug/L

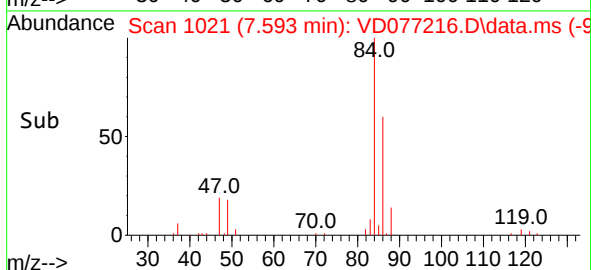
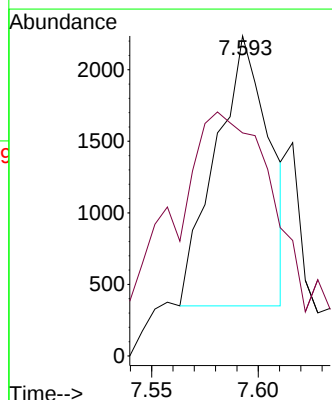
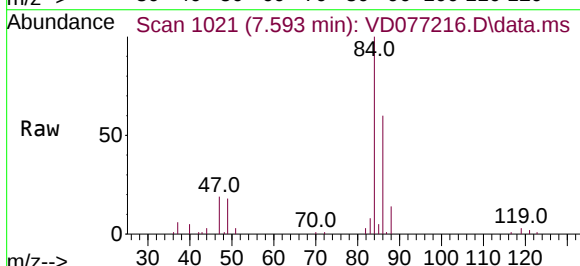
RT: 7.593 min Scan# 1021

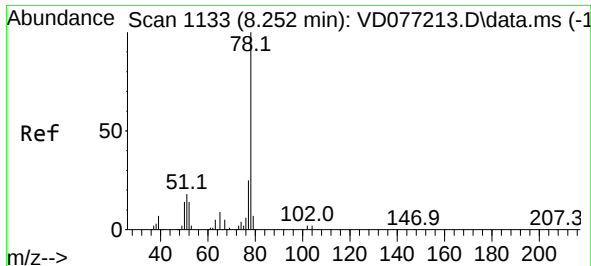
Delta R.T. -0.006 min

Lab File: VD077216.D

Acq: 25 Sep 2023 14:46

|             |             |
|-------------|-------------|
| Tgt Ion: 83 | Resp: 3316  |
| Ion Ratio   | Lower Upper |
| 83 100      |             |
| 85 69.7     | 44.4 82.5   |

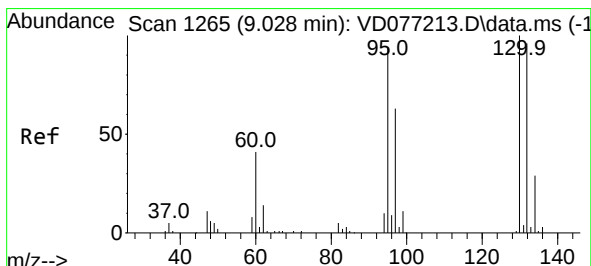
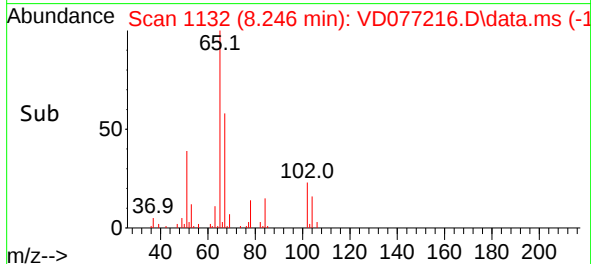
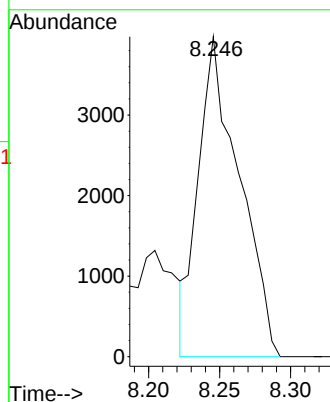
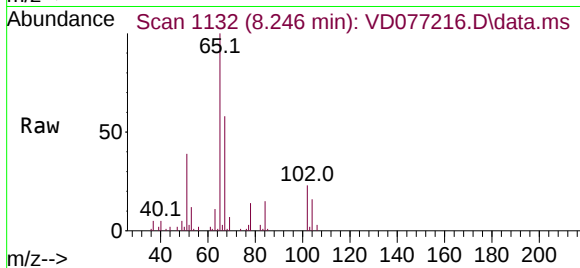




#33  
Benzene  
Concen: 0.385 ug/L  
RT: 8.246 min Scan# 1133  
Delta R.T. -0.006 min  
Lab File: VD077216.D  
Acq: 25 Sep 2023 14:46

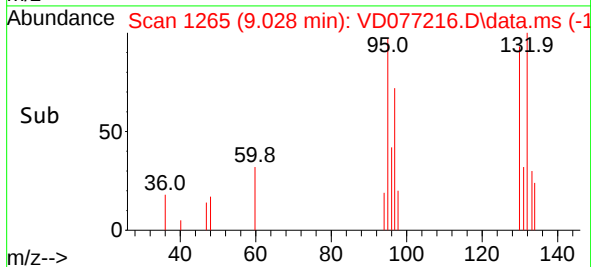
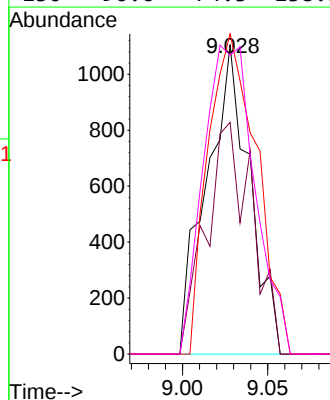
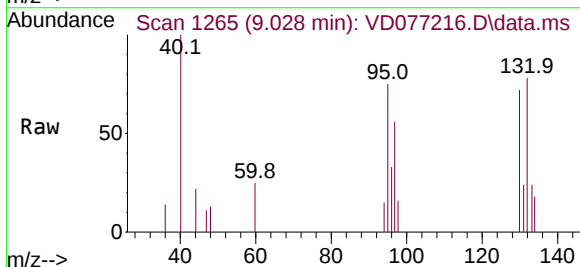
Instrument :  
MSVOA\_D  
ClientSampleId :

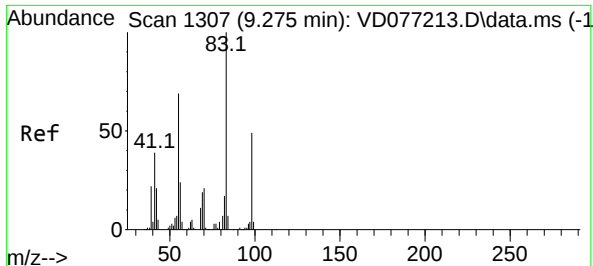
Tgt Ion: 78 Resp: 7948



#34  
Trichloroethene  
Concen: 0.369 ug/L  
RT: 9.028 min Scan# 1265  
Delta R.T. -0.000 min  
Lab File: VD077216.D  
Acq: 25 Sep 2023 14:46

Tgt Ion: 95 Resp: 1926  
Ion Ratio Lower Upper  
95 100  
97 95.9 46.5 86.5#  
132 103.4 71.8 133.4  
130 96.6 74.3 138.1





#35

Methylcyclohexane

Concen: 0.387 ug/L

RT: 9.275 min Scan# 11

Delta R.T. -0.000 min

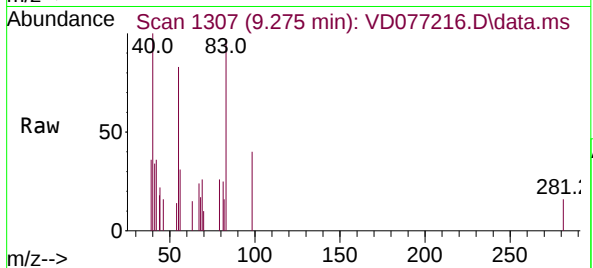
Lab File: VD077216.D

Acq: 25 Sep 2023 14:46

Instrument :

MSVOA\_D

ClientSampleId :



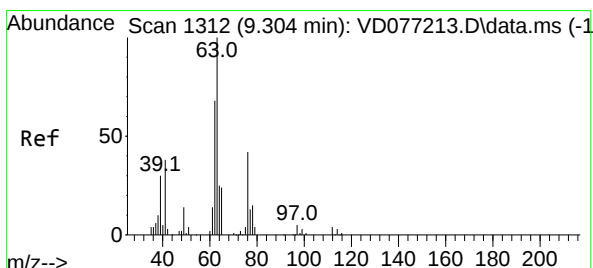
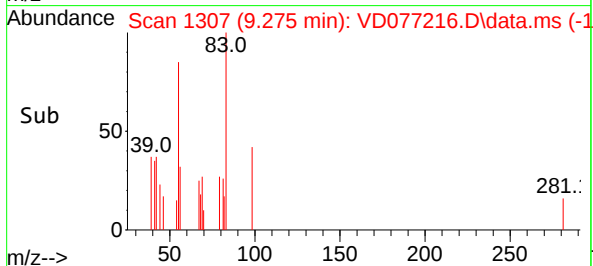
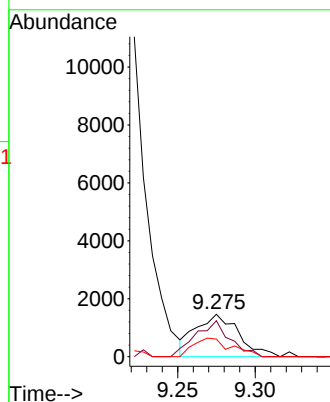
Tgt Ion: 83 Resp: 2810

Ion Ratio Lower Upper

83 100

55 68.4 53.0 79.4

98 29.3 39.4 59.0#



#37

1,2-Dichloropropane

Concen: 0.475 ug/L

RT: 9.310 min Scan# 1313

Delta R.T. 0.006 min

Lab File: VD077216.D

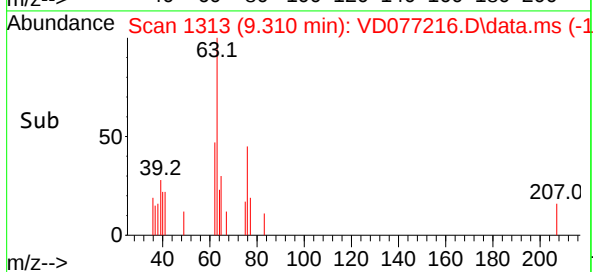
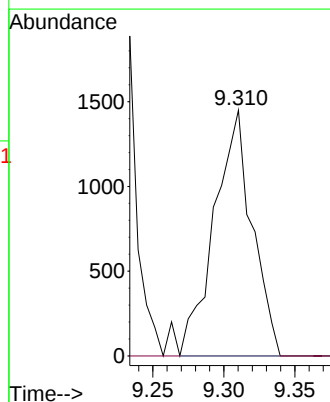
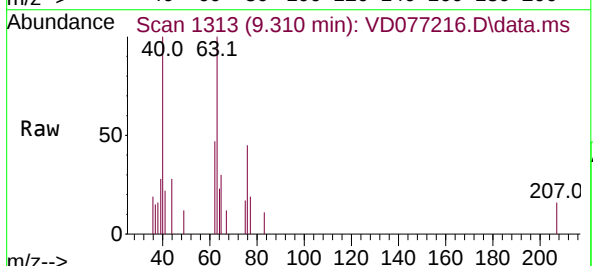
Acq: 25 Sep 2023 14:46

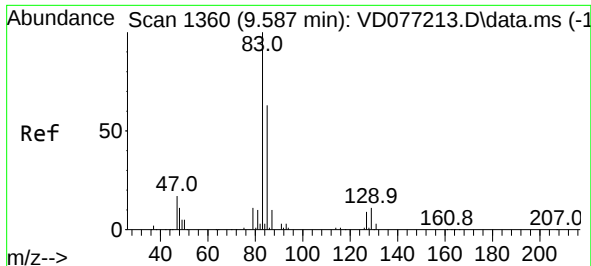
Tgt Ion: 63 Resp: 2692

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.2#





#38

Bromodichloromethane

Concen: 0.390 ug/L

RT: 9.575 min Scan# 11

Delta R.T. -0.012 min

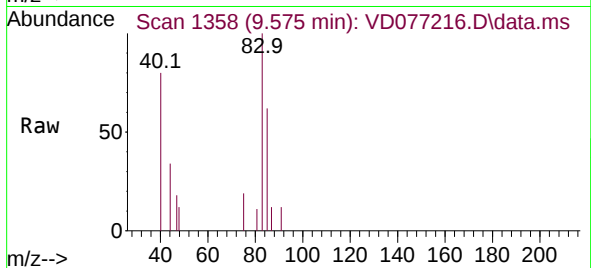
Lab File: VD077216.D

Acq: 25 Sep 2023 14:46

Instrument :

MSVOA\_D

ClientSampleId :



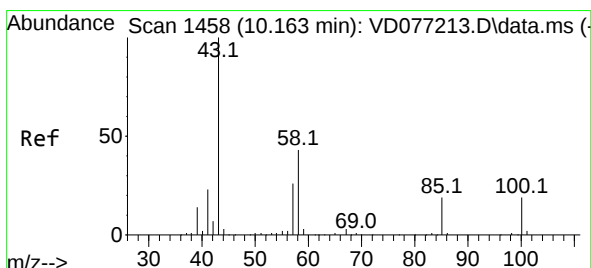
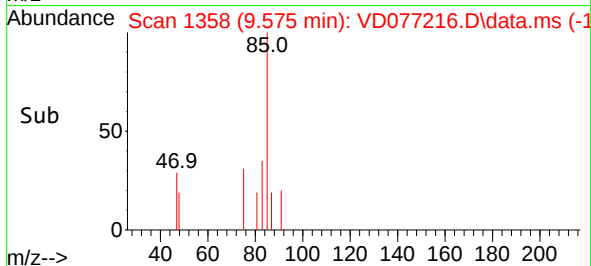
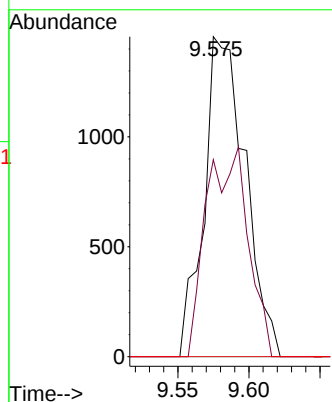
Tgt Ion: 83 Resp: 2938

Ion Ratio Lower Upper

83 100

85 61.5 44.2 82.2

127 0.0 7.1 10.7#



#40

4-Methyl-2-pentanone

Concen: 0.921 ug/L

RT: 10.163 min Scan# 1458

Delta R.T. -0.000 min

Lab File: VD077216.D

Acq: 25 Sep 2023 14:46

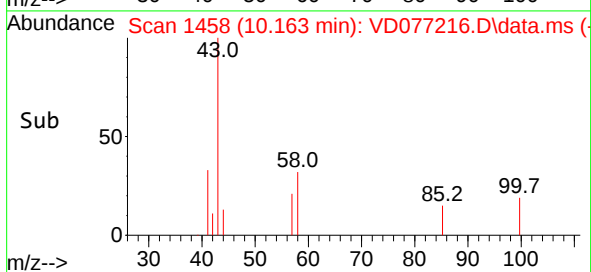
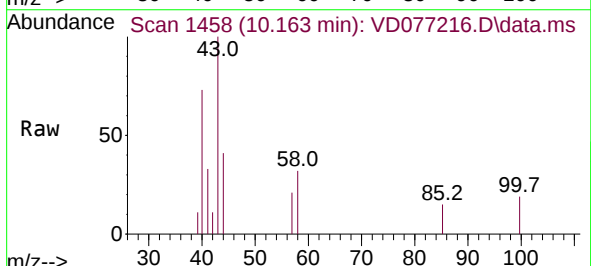
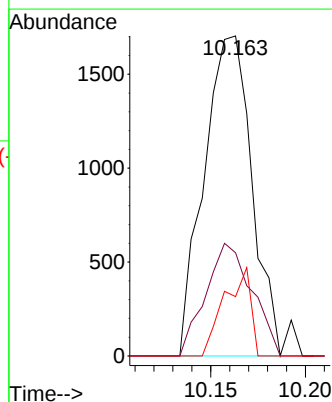
Tgt Ion: 43 Resp: 2992

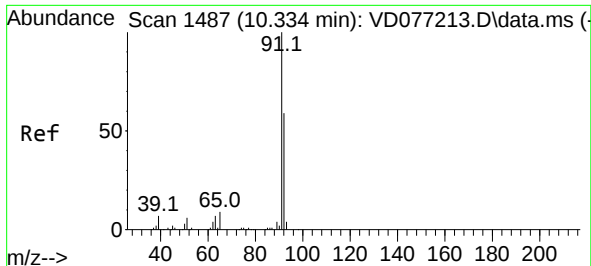
Ion Ratio Lower Upper

43 100

58 34.0 33.9 50.9

100 15.2 14.9 22.3

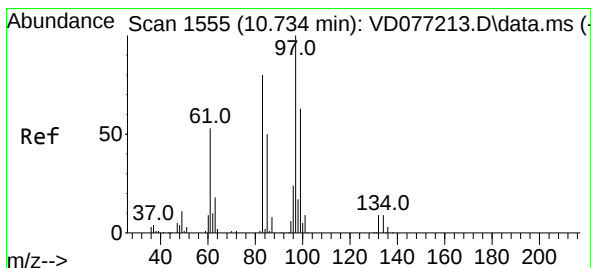
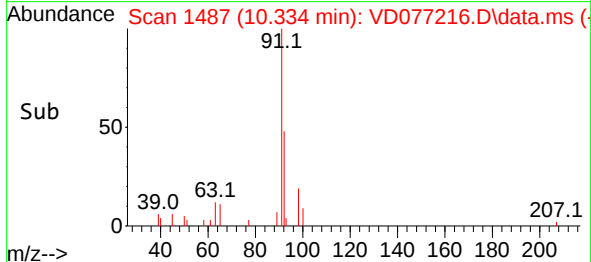
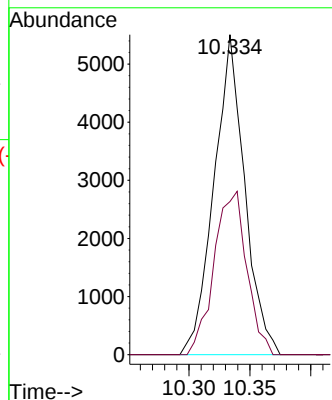
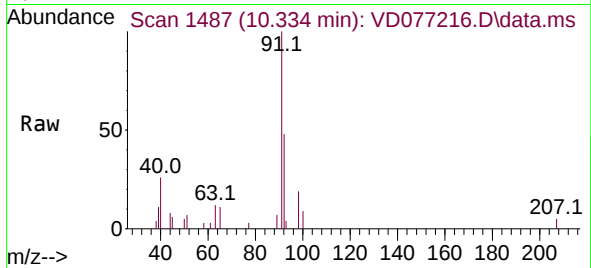




#42  
Toluene  
Concen: 0.433 ug/L  
RT: 10.334 min Scan# 1487  
Delta R.T. -0.000 min  
Lab File: VD077216.D  
Acq: 25 Sep 2023 14:46

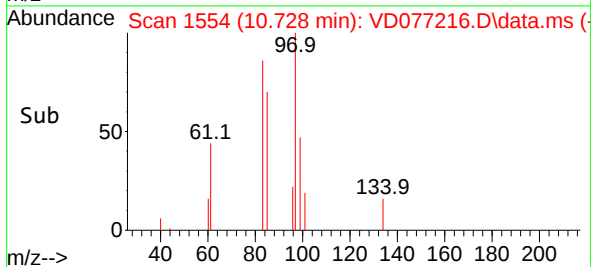
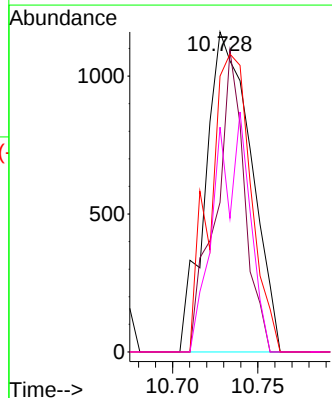
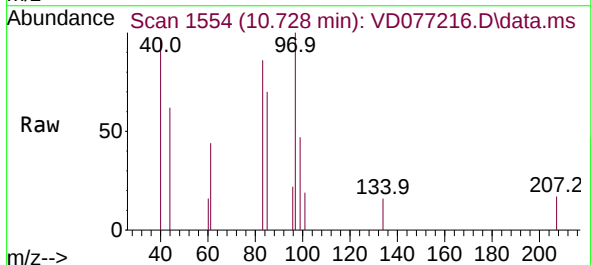
Instrument :  
MSVOA\_D  
ClientSampleId :

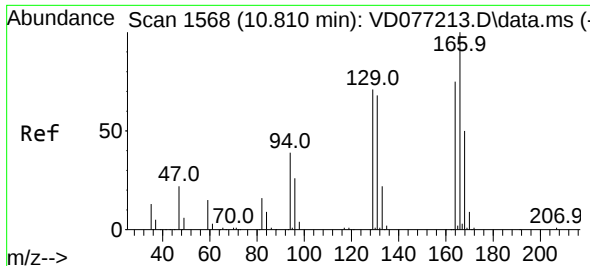
Tgt Ion: 91 Resp: 9660  
Ion Ratio Lower Upper  
91 100  
92 47.8 41.6 77.3



#45  
1,1,2-Trichloroethane  
Concen: 0.447 ug/L  
RT: 10.728 min Scan# 1554  
Delta R.T. -0.006 min  
Lab File: VD077216.D  
Acq: 25 Sep 2023 14:46

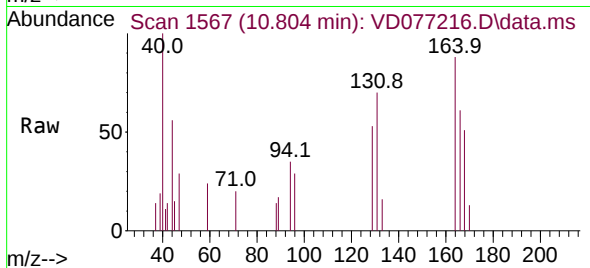
Tgt Ion: 97 Resp: 2156  
Ion Ratio Lower Upper  
97 100  
99 46.7 44.2 82.0  
83 86.2 56.4 104.7  
85 70.3 34.9 64.9#



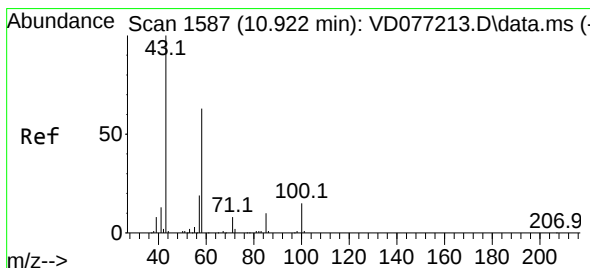
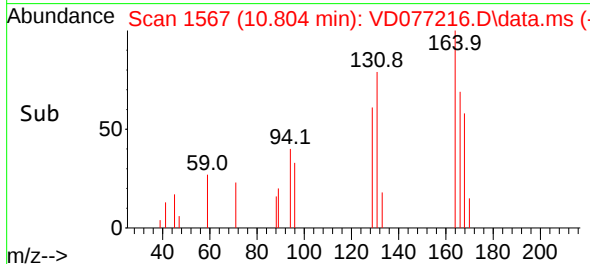
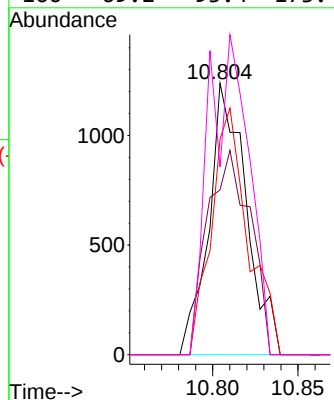


#46  
Tetrachloroethene  
Concen: 0.461 ug/L  
RT: 10.804 min Scan# 1567  
Delta R.T. -0.006 min  
Lab File: VD077216.D  
Acq: 25 Sep 2023 14:46

Instrument :  
MSVOA\_D  
ClientSampleId :

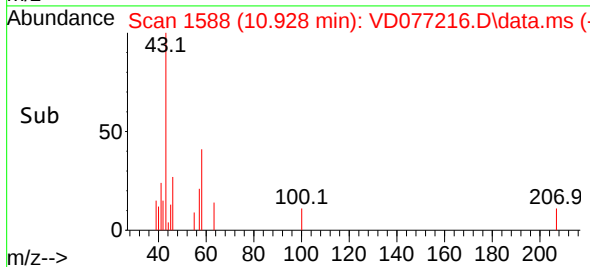
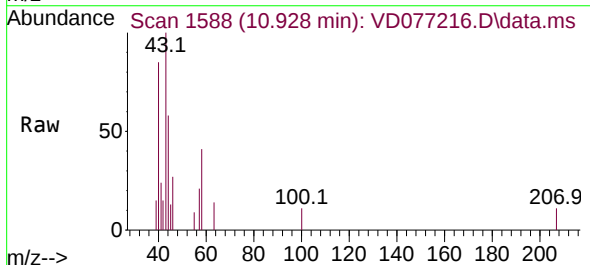
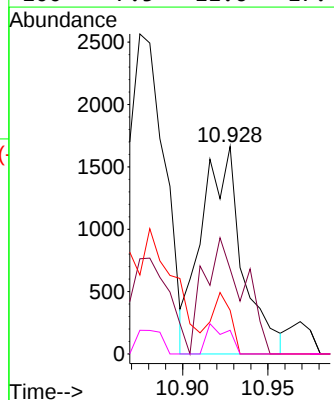


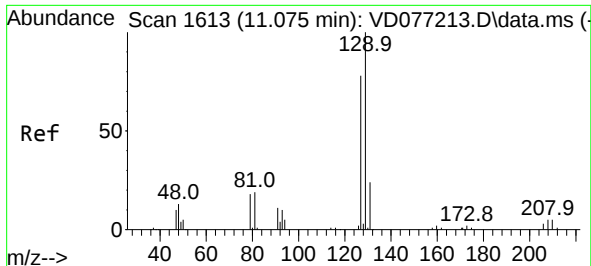
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 164   | Resp: | 1883   |
| Ion      | Ratio | Lower | Upper  |
| 164      | 100   |       |        |
| 129      | 60.7  | 66.1  | 122.8# |
| 131      | 79.4  | 63.5  | 117.9  |
| 166      | 69.2  | 93.4  | 173.4# |



#48  
2-Hexanone  
Concen: 1.108 ug/L  
RT: 10.928 min Scan# 1588  
Delta R.T. 0.006 min  
Lab File: VD077216.D  
Acq: 25 Sep 2023 14:46

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 2760  |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 58       | 42.1  | 47.8  | 71.8# |
| 57       | 14.1  | 15.6  | 23.4# |
| 100      | 7.5   | 11.6  | 17.4# |

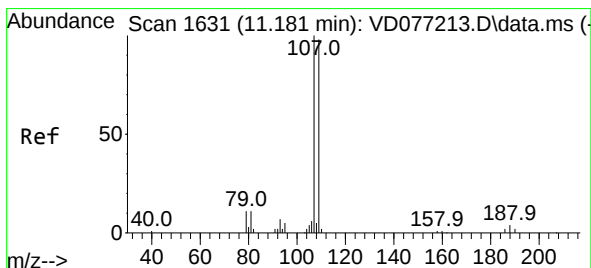
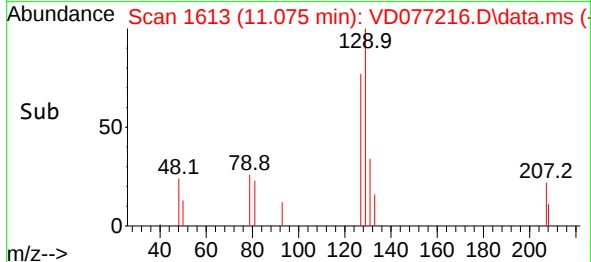
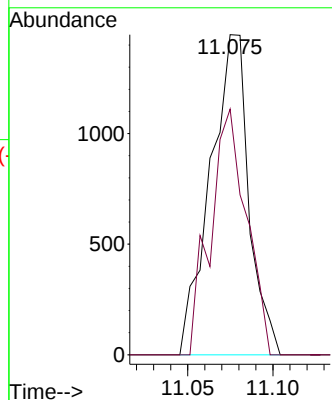
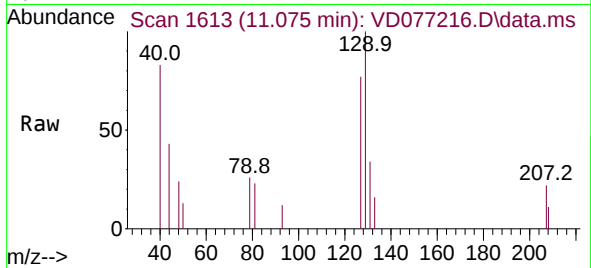




#49  
Dibromochloromethane  
Concen: 0.424 ug/L  
RT: 11.075 min Scan# 1613  
Delta R.T. -0.000 min  
Lab File: VD077216.D  
Acq: 25 Sep 2023 14:46

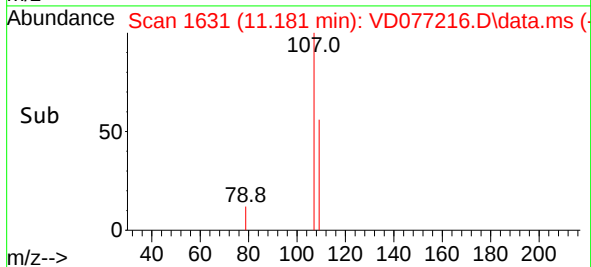
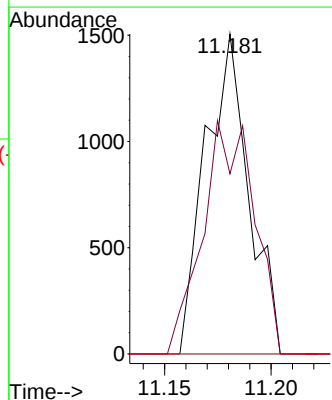
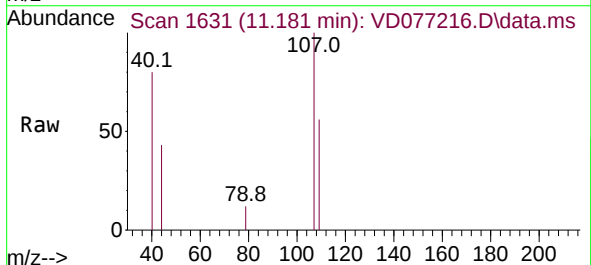
Instrument :  
MSVOA\_D  
ClientSampleId :

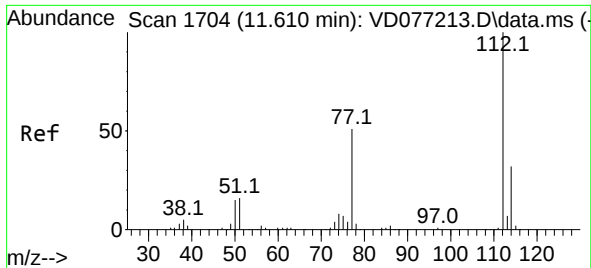
Tgt Ion:129 Resp: 2280  
Ion Ratio Lower Upper  
129 100  
127 76.8 54.5 101.1



#50  
1,2-Dibromoethane  
Concen: 0.472 ug/L  
RT: 11.181 min Scan# 1631  
Delta R.T. -0.000 min  
Lab File: VD077216.D  
Acq: 25 Sep 2023 14:46

Tgt Ion:107 Resp: 2130  
Ion Ratio Lower Upper  
107 100  
109 56.3 68.8 127.8#  
188 0.0 3.0 4.6#

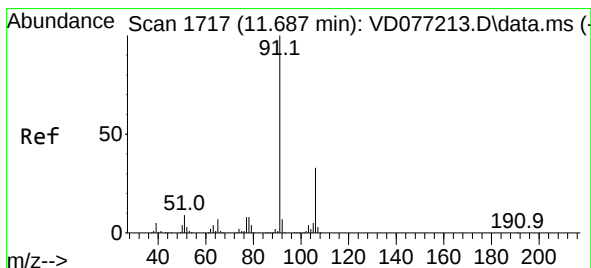
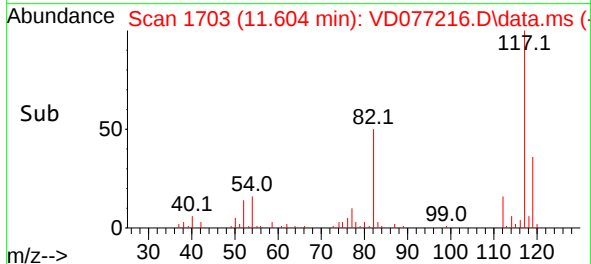
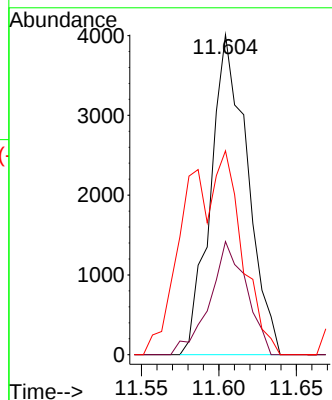
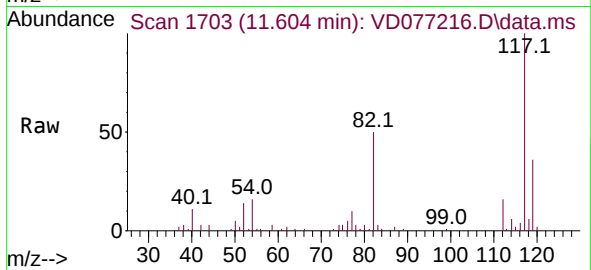




#51  
Chlorobenzene  
Concen: 0.438 ug/L  
RT: 11.604 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VD077216.D  
Acq: 25 Sep 2023 14:46

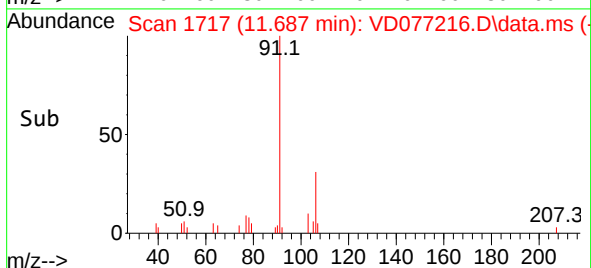
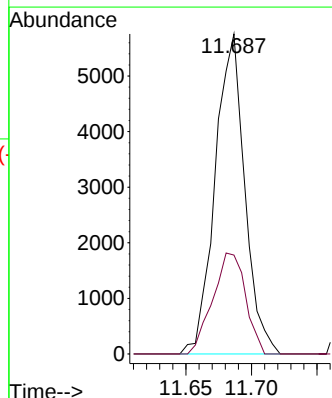
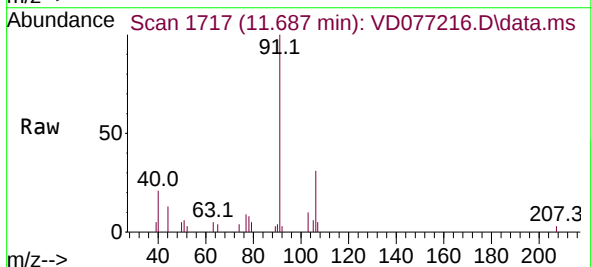
Instrument :  
MSVOA\_D  
ClientSampleId :

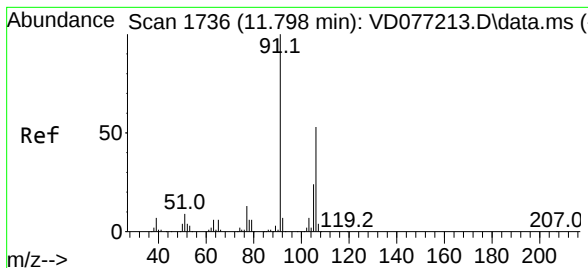
Tgt Ion:112 Resp: 6623  
Ion Ratio Lower Upper  
112 100  
114 35.4 22.7 42.1  
77 63.7 40.8 61.2#



#52  
Ethylbenzene  
Concen: 0.374 ug/L  
RT: 11.687 min Scan# 1717  
Delta R.T. -0.000 min  
Lab File: VD077216.D  
Acq: 25 Sep 2023 14:46

Tgt Ion: 91 Resp: 9037  
Ion Ratio Lower Upper  
91 100  
106 30.9 23.2 43.0

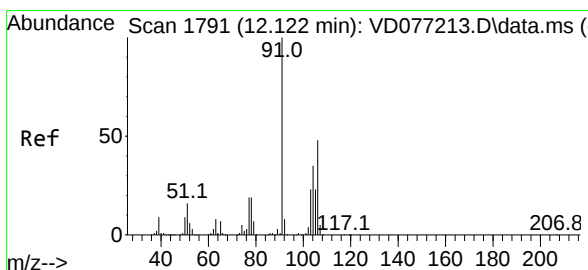
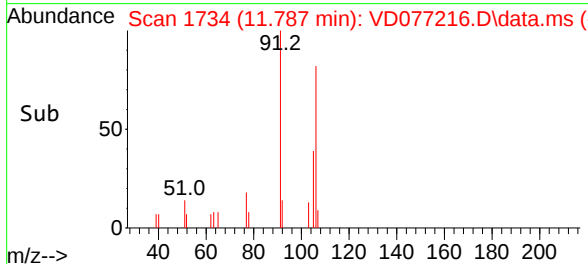
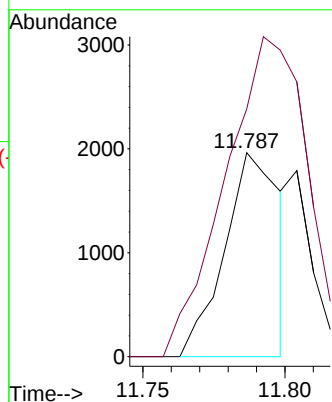
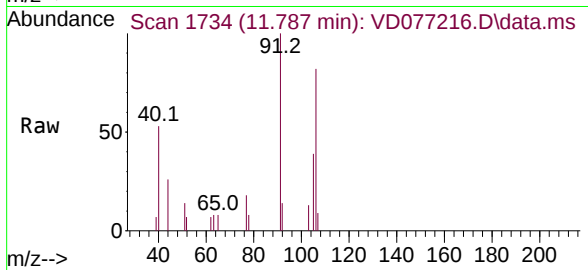




#53  
m,p-Xylene  
Concen: 0.286 ug/L  
RT: 11.787 min Scan# 1734  
Delta R.T. -0.012 min  
Lab File: VD077216.D  
Acq: 25 Sep 2023 14:46

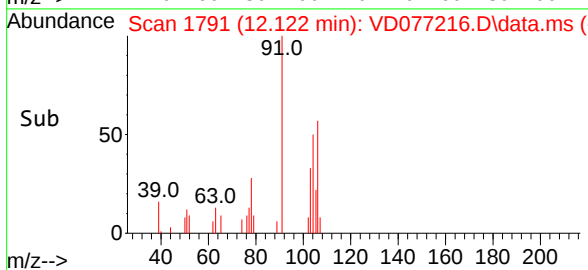
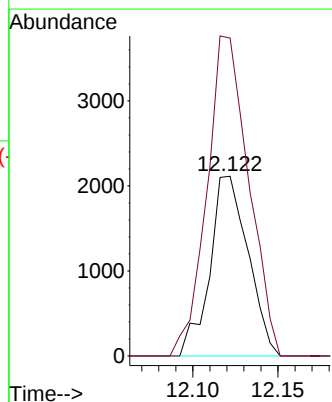
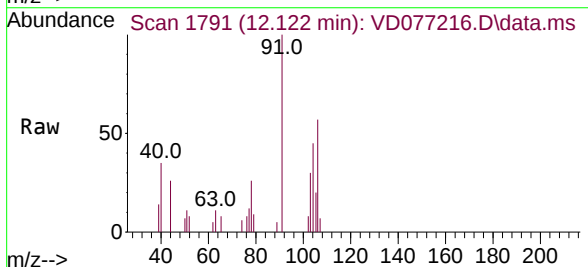
Instrument :  
MSVOA\_D  
ClientSampleId :

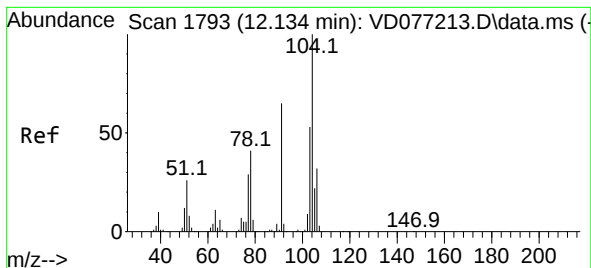
Tgt Ion:106 Resp: 2638  
Ion Ratio Lower Upper  
106 100  
91 121.4 132.8 246.6#



#54  
o-Xylene  
Concen: 0.368 ug/L  
RT: 12.122 min Scan# 1791  
Delta R.T. -0.000 min  
Lab File: VD077216.D  
Acq: 25 Sep 2023 14:46

Tgt Ion:106 Resp: 3311  
Ion Ratio Lower Upper  
106 100  
91 176.9 146.7 272.5





#55

Styrene

Concen: 0.338 ug/L

RT: 12.134 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD077216.D

Acq: 25 Sep 2023 14:46

Instrument :

MSVOA\_D

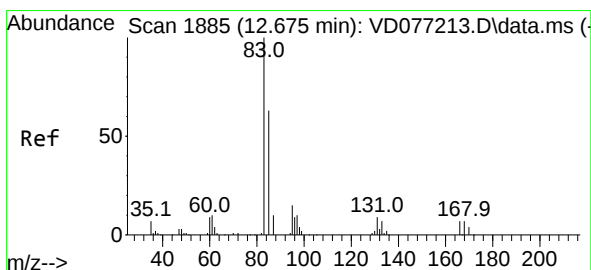
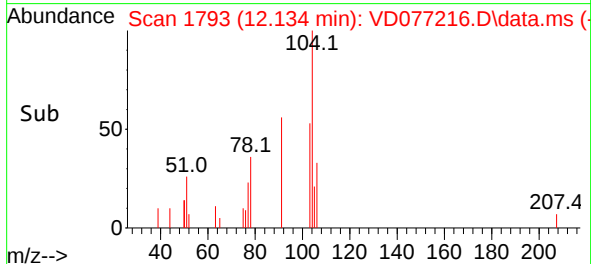
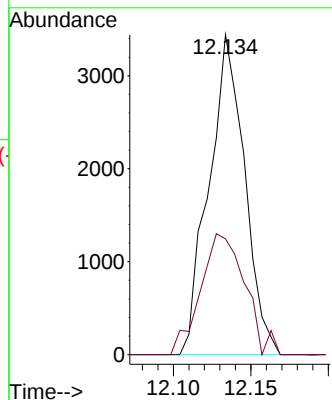
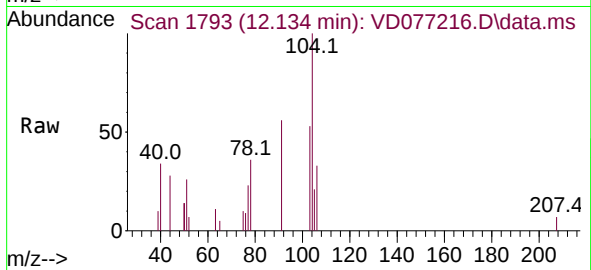
ClientSampleId :

Tgt Ion:104 Resp: 5514

Ion Ratio Lower Upper

104 100

78 36.2 29.0 53.8



#57

1,1,2,2-Tetrachloroethane

Concen: 0.524 ug/L

RT: 12.675 min Scan# 1885

Delta R.T. -0.000 min

Lab File: VD077216.D

Acq: 25 Sep 2023 14:46

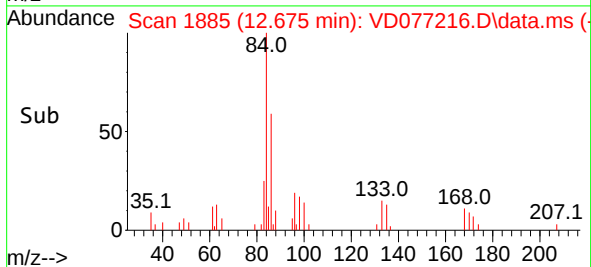
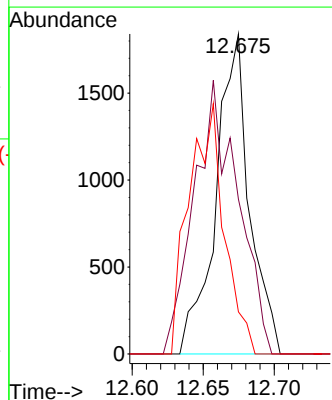
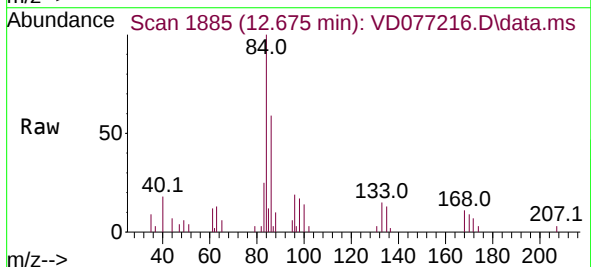
Tgt Ion: 83 Resp: 3023

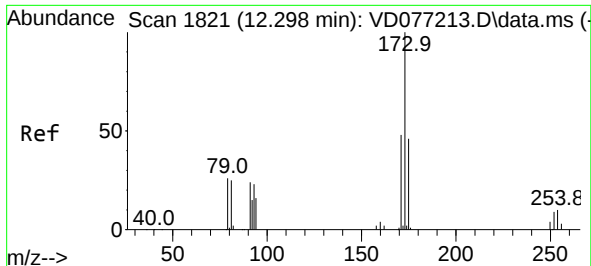
Ion Ratio Lower Upper

83 100

85 48.4 44.0 81.8

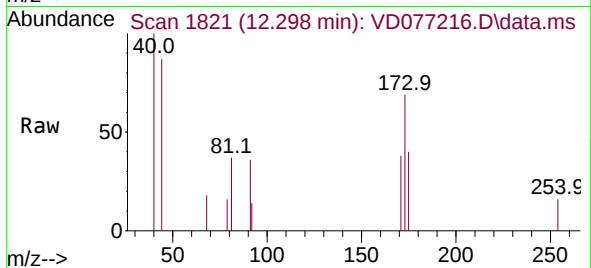
131 13.2 7.7 11.5#



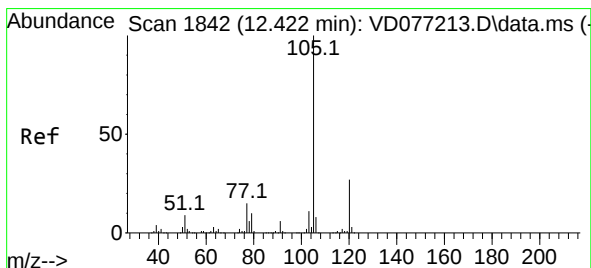
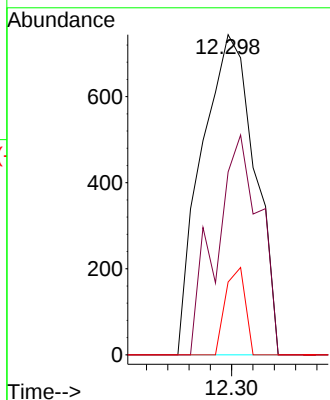
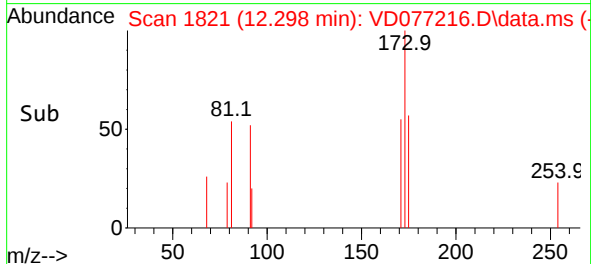


#59  
Bromoform  
Concen: 0.431 ug/L  
RT: 12.298 min Scan# 1821  
Delta R.T. -0.000 min  
Lab File: VD077216.D  
Acq: 25 Sep 2023 14:46

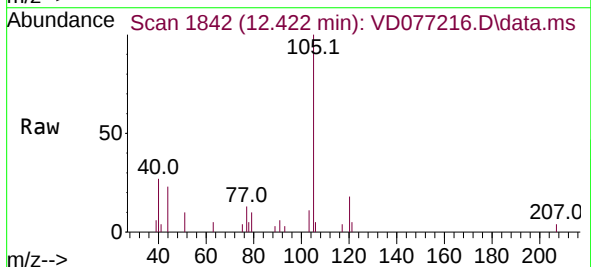
Instrument :  
MSVOA\_D  
ClientSampleId :



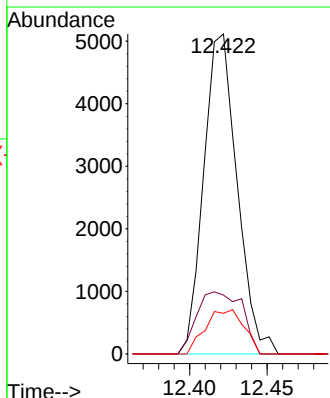
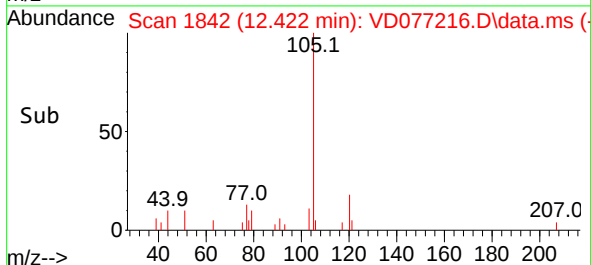
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 173   | Resp: | 1292  |
| Ion      | Ratio | Lower | Upper |
| 173      | 100   |       |       |
| 175      | 56.4  | 39.5  | 59.3  |
| 254      | 10.1  | 7.1   | 10.7  |

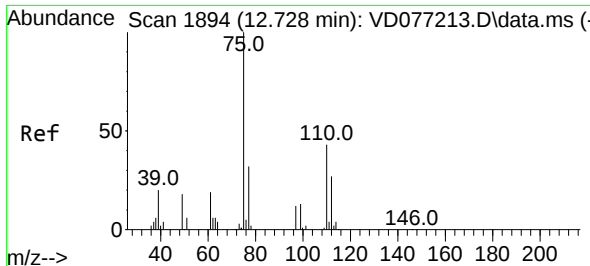


#60  
Isopropylbenzene  
Concen: 0.368 ug/L  
RT: 12.422 min Scan# 1842  
Delta R.T. -0.000 min  
Lab File: VD077216.D  
Acq: 25 Sep 2023 14:46



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 105   | Resp: | 7668  |
| Ion      | Ratio | Lower | Upper |
| 105      | 100   |       |       |
| 120      | 20.9  | 21.3  | 31.9# |
| 77       | 16.0  | 11.5  | 17.3  |

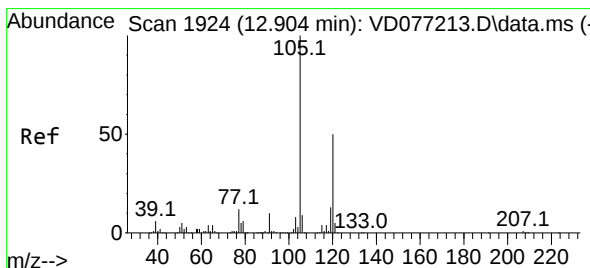
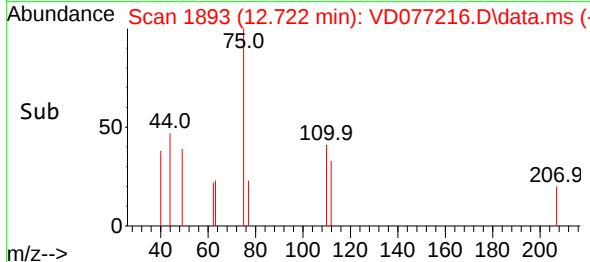
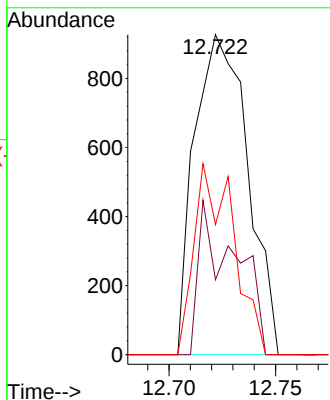
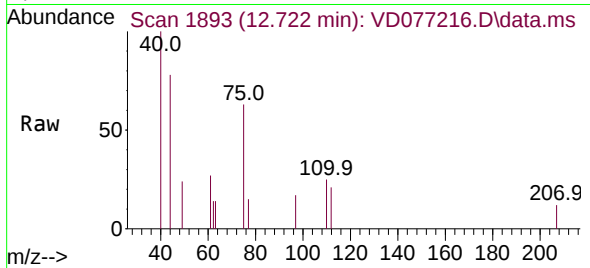




#61  
 1,2,3-Trichloropropane  
 Concen: 0.478 ug/L  
 RT: 12.722 min Scan# 1893  
 Delta R.T. -0.006 min  
 Lab File: VD077216.D  
 Acq: 25 Sep 2023 14:46

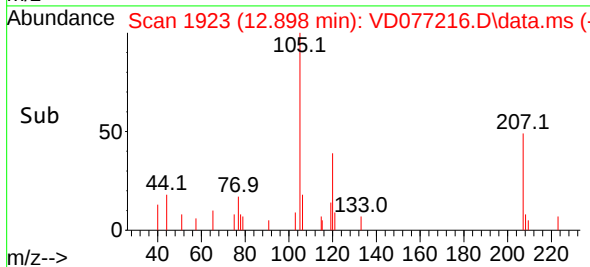
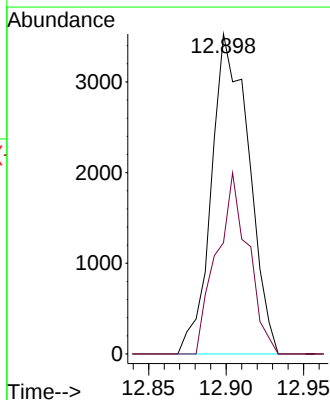
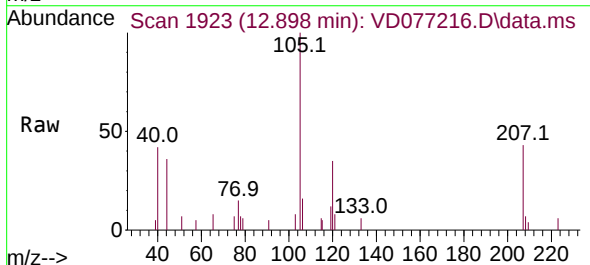
Instrument :  
 MSVOA\_D  
 ClientSampleId :

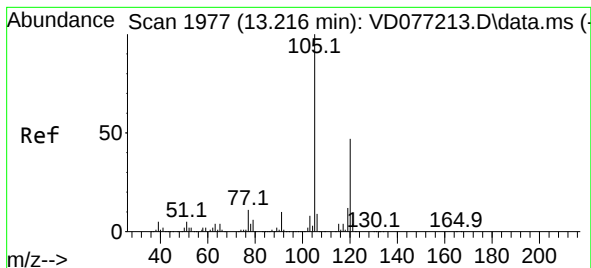
Tgt Ion: 75 Resp: 1614  
 Ion Ratio Lower Upper  
 75 100  
 77 19.0 25.3 37.9#  
 110 0.0 33.8 50.8#



#62  
 1,3,5-Trimethylbenzene  
 Concen: 0.372 ug/L  
 RT: 12.898 min Scan# 1923  
 Delta R.T. -0.006 min  
 Lab File: VD077216.D  
 Acq: 25 Sep 2023 14:46

Tgt Ion: 105 Resp: 5924  
 Ion Ratio Lower Upper  
 105 100  
 120 47.3 39.4 59.2





#63

1,2,4-Trimethylbenzene

Concen: 0.399 ug/L

RT: 13.210 min Scan# 1976

Delta R.T. -0.006 min

Lab File: VD077216.D

Acq: 25 Sep 2023 14:46

Instrument :

MSVOA\_D

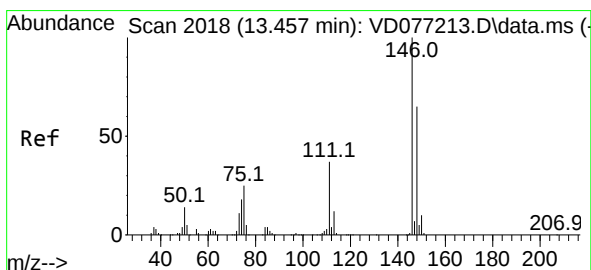
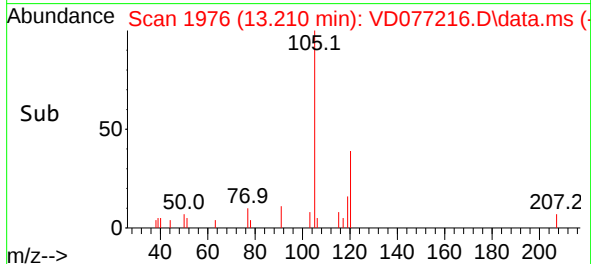
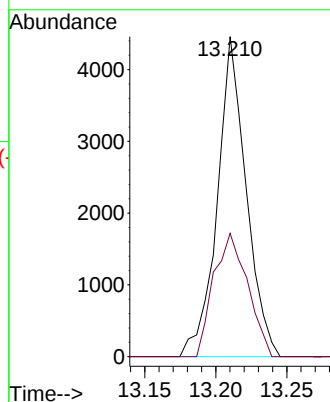
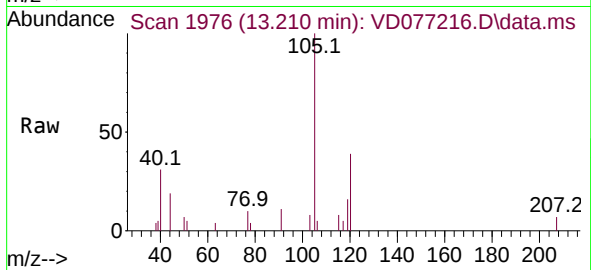
ClientSampleId :

Tgt Ion:105 Resp: 6307

Ion Ratio Lower Upper

105 100

120 45.2 37.6 56.4



#64

1,3-Dichlorobenzene

Concen: 0.540 ug/L

RT: 13.463 min Scan# 2019

Delta R.T. 0.006 min

Lab File: VD077216.D

Acq: 25 Sep 2023 14:46

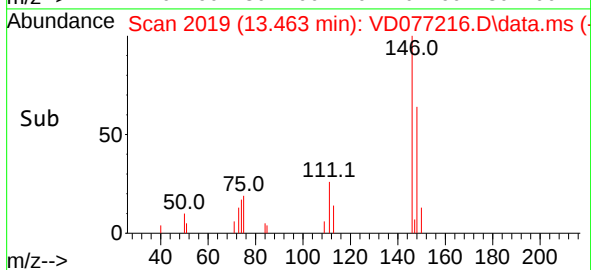
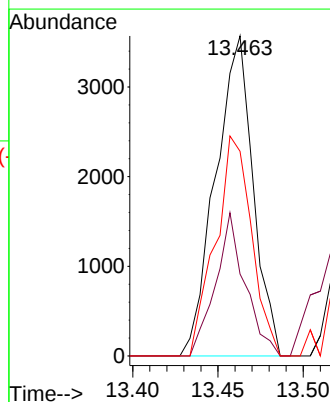
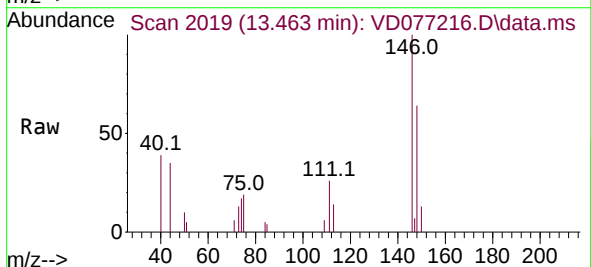
Tgt Ion:146 Resp: 5469

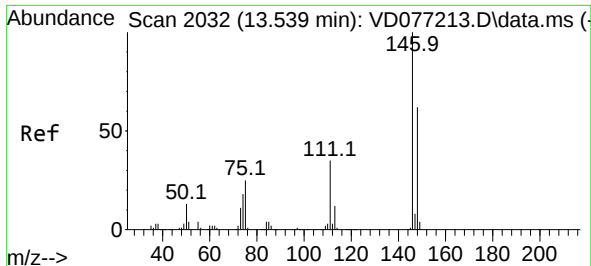
Ion Ratio Lower Upper

146 100

111 25.6 26.1 48.5#

148 63.9 45.3 84.1

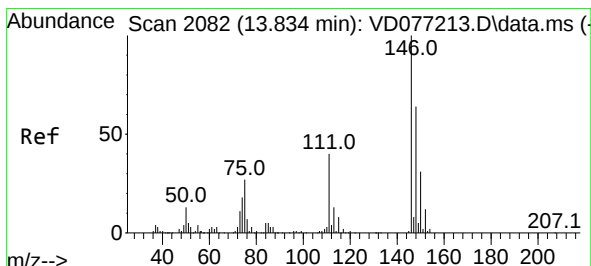
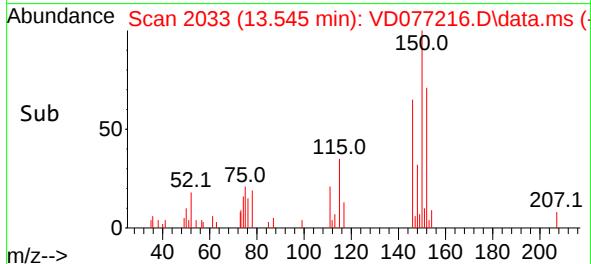
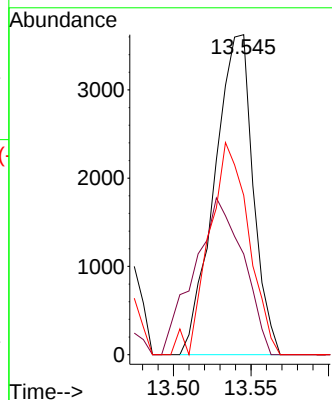
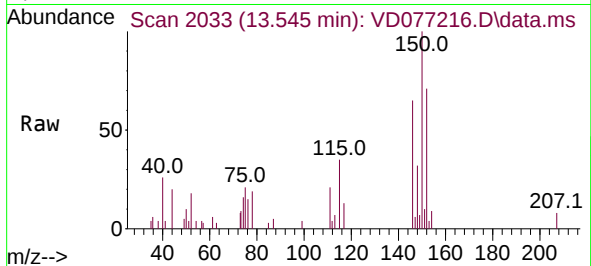




#65  
1,4-Dichlorobenzene  
Concen: 0.593 ug/L  
RT: 13.545 min Scan# 2032  
Delta R.T. 0.006 min  
Lab File: VD077216.D  
Acq: 25 Sep 2023 14:46

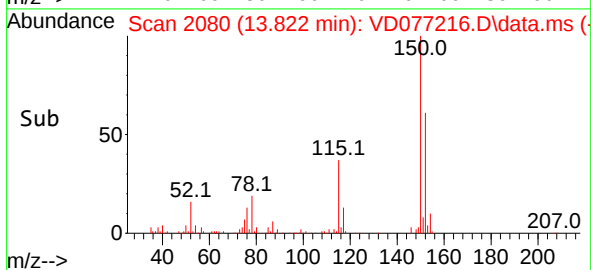
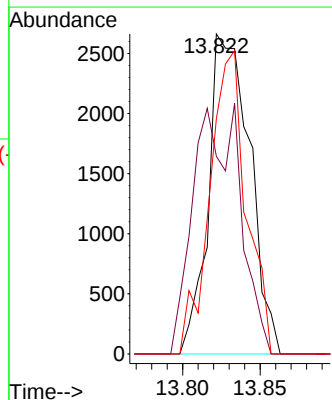
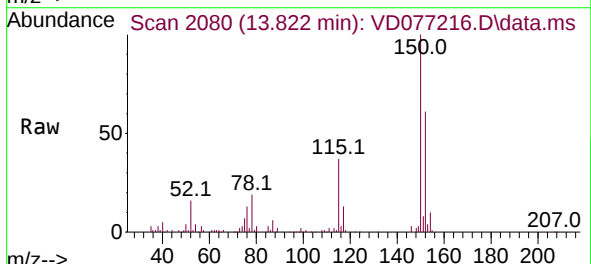
Instrument :  
MSVOA\_D  
ClientSampleId :

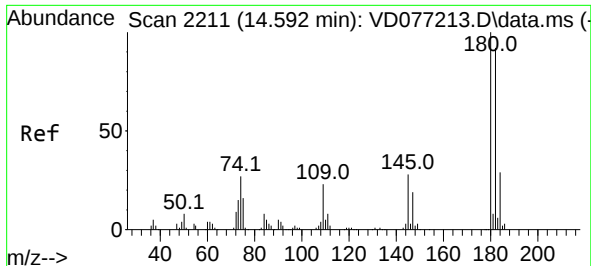
Tgt Ion:146 Resp: 6279  
Ion Ratio Lower Upper  
146 100  
111 31.4 24.6 45.8  
148 49.8 43.5 80.7



#67  
1,2-Dichlorobenzene  
Concen: 0.527 ug/L  
RT: 13.822 min Scan# 2080  
Delta R.T. -0.012 min  
Lab File: VD077216.D  
Acq: 25 Sep 2023 14:46

Tgt Ion:146 Resp: 4921  
Ion Ratio Lower Upper  
146 100  
111 61.8 32.3 48.5#  
148 73.5 51.4 77.0





#69

1,3,5-Trichlorobenzene

Concen: 0.607 ug/L

RT: 15.098 min Scan# 2297

Delta R.T. 0.506 min

Lab File: VD077216.D

Acq: 25 Sep 2023 14:46

Instrument :

MSVOA\_D

ClientSampleId :

Tgt Ion:180 Resp: 4046

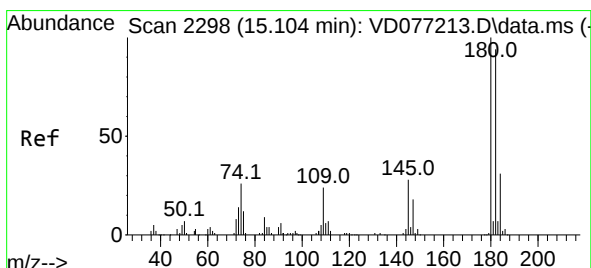
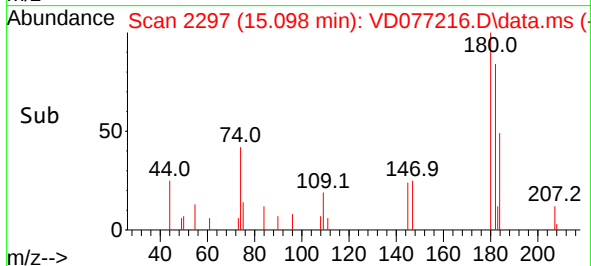
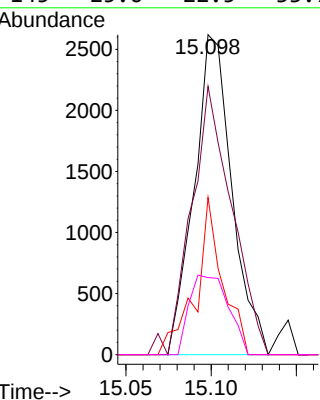
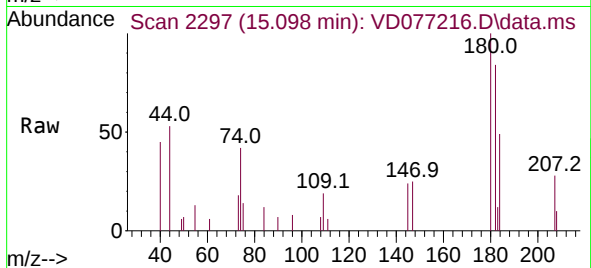
Ion Ratio Lower Upper

180 100

182 88.2 75.2 112.8

184 34.7 25.0 37.4

145 25.6 22.5 33.7



#70

1,2,4-trichlorobenzene

Concen: 0.709 ug/L

RT: 15.098 min Scan# 2297

Delta R.T. -0.006 min

Lab File: VD077216.D

Acq: 25 Sep 2023 14:46

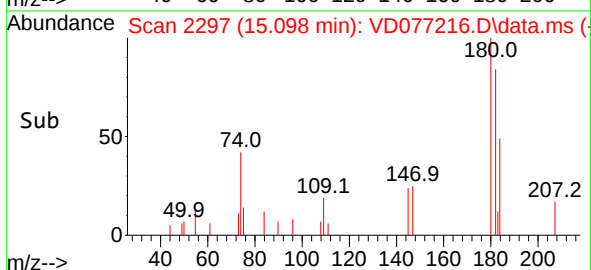
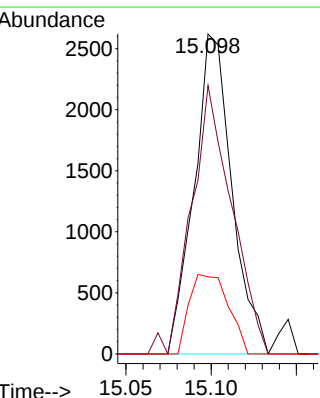
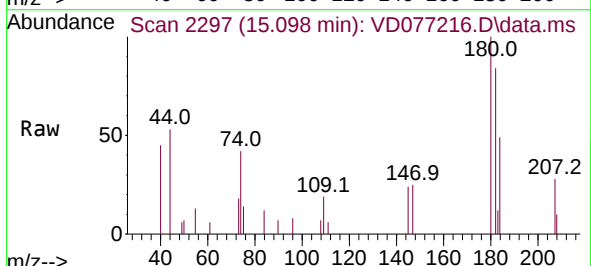
Tgt Ion:180 Resp: 4046

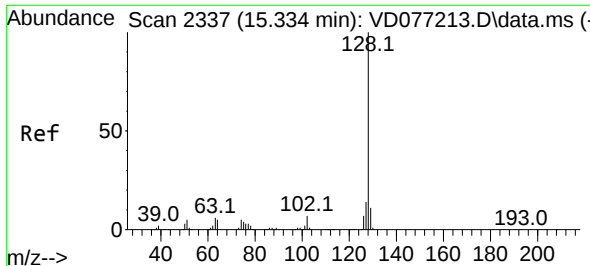
Ion Ratio Lower Upper

180 100

182 88.2 76.8 115.2

145 25.6 23.0 34.6

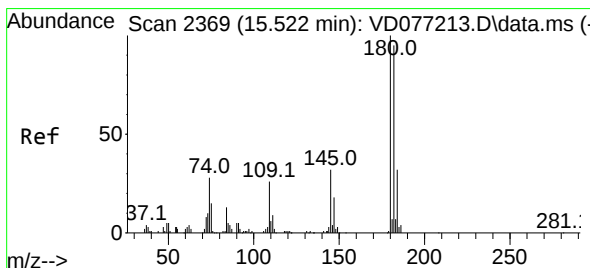
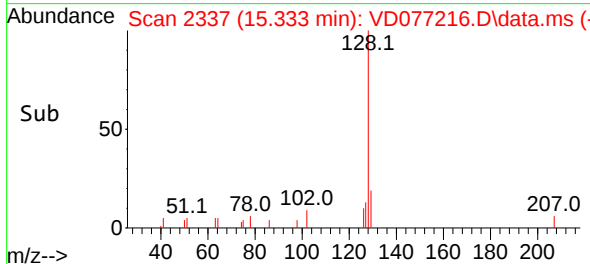
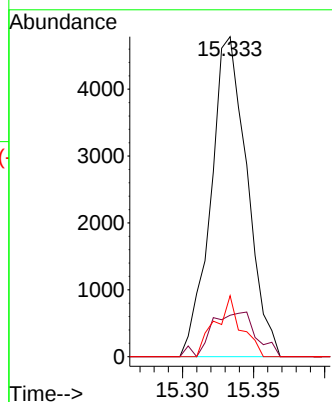
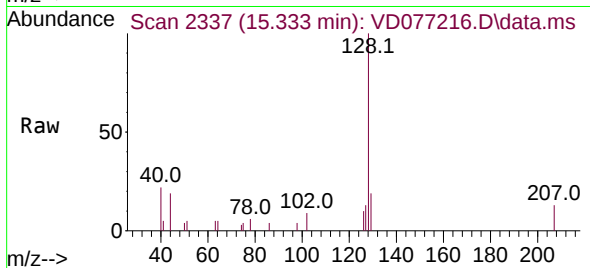




#71  
Naphthalene  
Concen: 0.717 ug/L  
RT: 15.333 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: VD077216.D  
Acq: 25 Sep 2023 14:46

Instrument :  
MSVOA\_D  
ClientSampleId :

Tgt Ion:128 Resp: 8468  
Ion Ratio Lower Upper  
128 100  
127 5.6 10.5 15.7#  
129 13.7 8.7 13.1#



#72  
1,2,3-Trichlorobenzene  
Concen: 0.595 ug/L  
RT: 15.522 min Scan# 2369  
Delta R.T. -0.000 min  
Lab File: VD077216.D  
Acq: 25 Sep 2023 14:46

Tgt Ion:180 Resp: 3171  
Ion Ratio Lower Upper  
180 100  
182 106.7 77.4 116.2  
145 32.8 25.5 38.3

