

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY042524\  
 Data File : VY018042.D  
 Acq On : 25 Apr 2024 11:22  
 Operator : SY/MD  
 Sample : VY0425SBL01  
 Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :

Quant Time: Apr 26 01:58:23 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y041624S.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Apr 17 06:24:42 2024  
 Response via : Initial Calibration

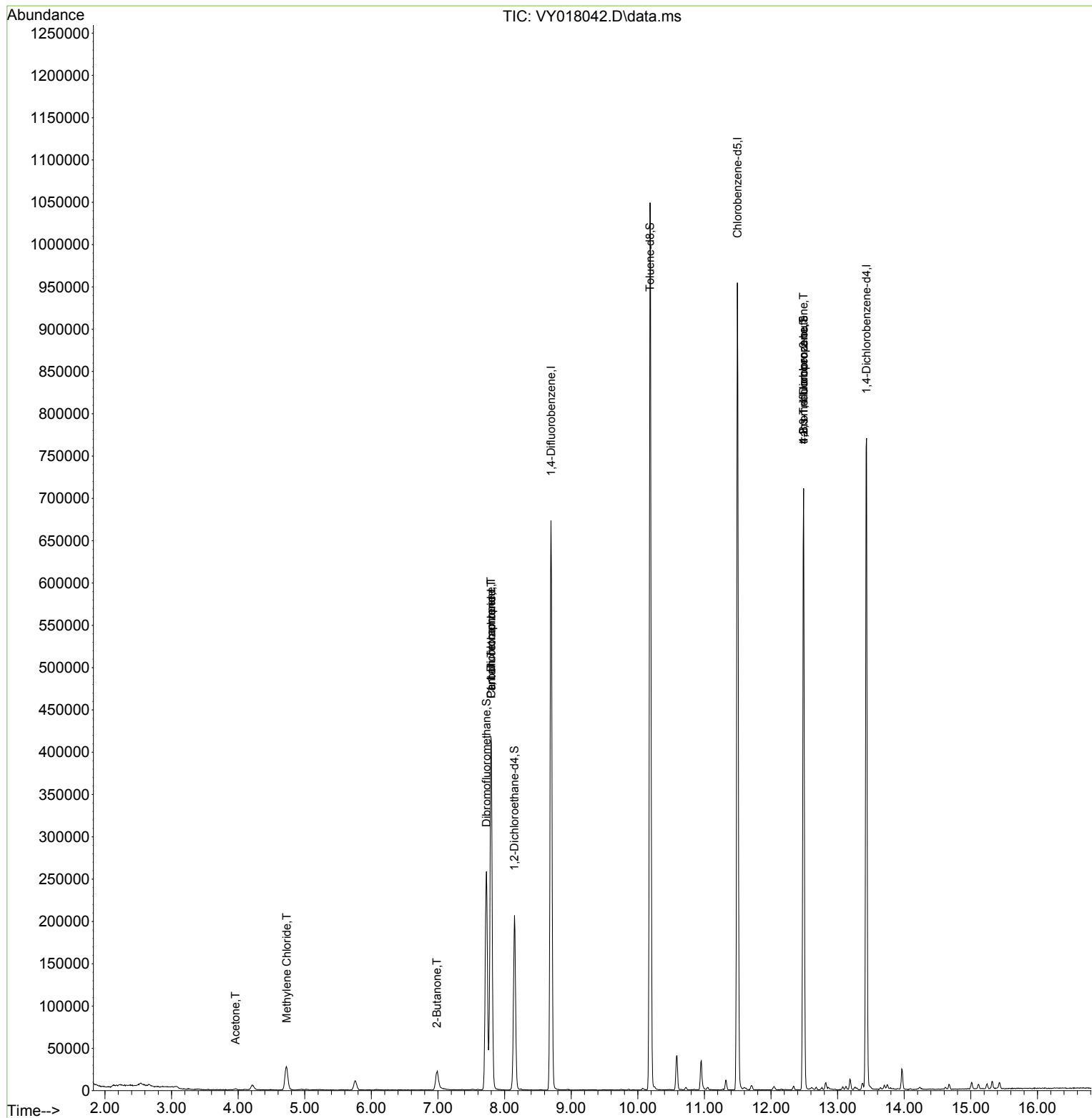
| Compound                      | R.T.   | QIon  | Response | Conc      | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|-----------|--------|----------|
| -----                         |        |       |          |           |        |          |
| Internal Standards            |        |       |          |           |        |          |
| 1) Pentafluorobenzene         | 7.801  | 168   | 362509   | 50.000    | ug/l   | 0.01     |
| 34) 1,4-Difluorobenzene       | 8.697  | 114   | 620451   | 50.000    | ug/l   | 0.00     |
| 63) Chlorobenzene-d5          | 11.496 | 117   | 561299   | 50.000    | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4    | 13.434 | 152   | 218762   | 50.000    | ug/l   | 0.00     |
| System Monitoring Compounds   |        |       |          |           |        |          |
| 33) 1,2-Dichloroethane-d4     | 8.149  | 65    | 151404   | 48.263    | ug/l   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 50 - 163 | Recovery  | =      | 96.520%  |
| 35) Dibromofluoromethane      | 7.728  | 113   | 189623   | 49.538    | ug/l   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 54 - 147 | Recovery  | =      | 99.080%  |
| 50) Toluene-d8                | 10.185 | 98    | 712318   | 49.042    | ug/l   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 58 - 134 | Recovery  | =      | 98.080%  |
| 62) 4-Bromofluorobenzene      | 12.489 | 95    | 198403   | 44.106    | ug/l   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 30 - 143 | Recovery  | =      | 88.220%  |
| Target Compounds              |        |       |          |           |        |          |
|                               |        |       |          |           | Qvalue |          |
| 11) Tert butyl alcohol        | 4.960  | 59    | 505      | Below Cal | #      | 88       |
| 16) Acetone                   | 3.960  | 43    | 2087     | 3.367     | ug/l   | 92       |
| 20) Methylene Chloride        | 4.729  | 84    | 23251    | 5.537     | ug/l   | 96       |
| 25) 2-Butanone                | 6.984  | 43    | 1134     | 1.245     | ug/l # | 69       |
| 36) 1,1-Dichloropropene       | 7.795  | 75    | 23517    | 4.225     | ug/l # | 47       |
| 38) Carbon Tetrachloride      | 7.801  | 117   | 31607    | 5.620     | ug/l # | 17       |
| 76) 1,2,3-Trichloropropane    | 12.489 | 75    | 95138    | 46.345    | ug/l # | 100      |
| 81) trans-1,4-Dichloro-2-b... | 12.489 | 75    | 95138    | 95.555    | ug/l # | 16       |
| -----                         |        |       |          |           |        |          |

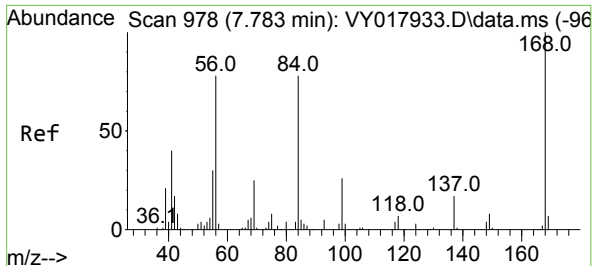
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY042524\  
Data File : VY018042.D  
Acq On : 25 Apr 2024 11:22  
Operator : SY/MD  
Sample : VY0425SBL01  
Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
MSVOA\_Y  
ClientSampleId :

Quant Time: Apr 26 01:58:23 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y041624S.M  
Quant Title : SW846 8260  
QLast Update : Wed Apr 17 06:24:42 2024  
Response via : Initial Calibration

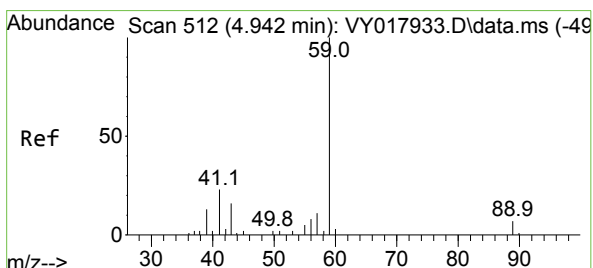
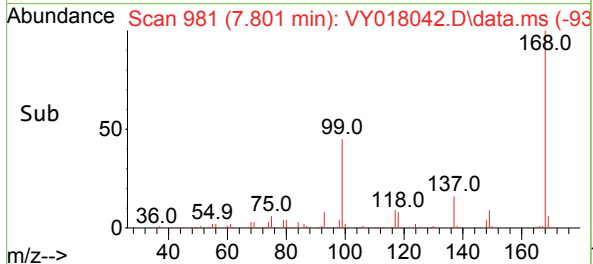
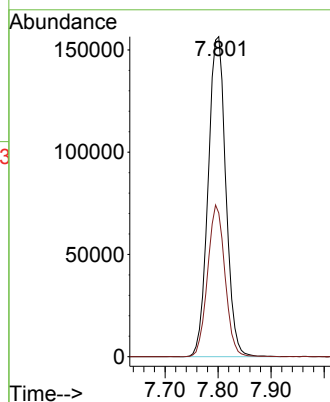
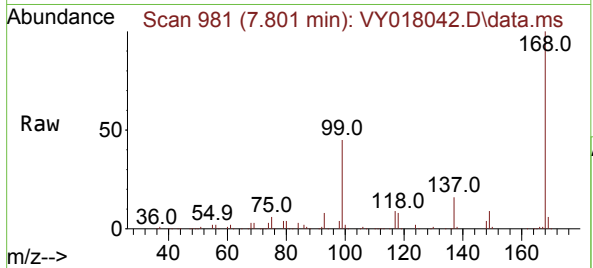




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.801 min Scan# 91  
Delta R.T. 0.012 min  
Lab File: VY018042.D  
Acq: 25 Apr 2024 11:22

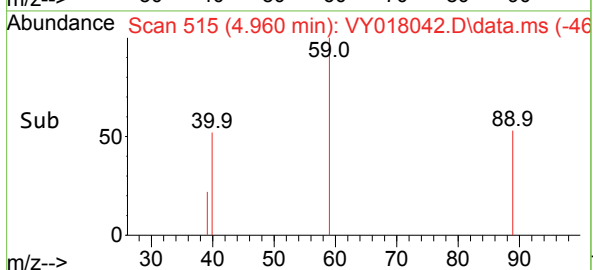
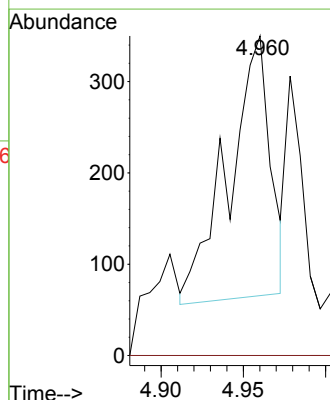
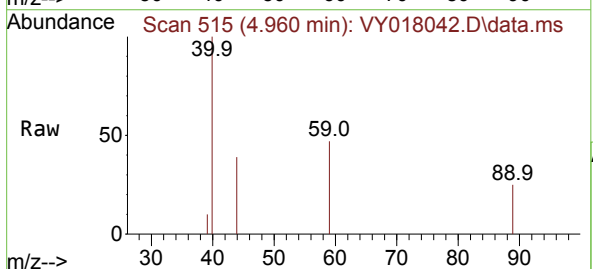
Instrument :  
MSVOA\_Y  
ClientSampleId :

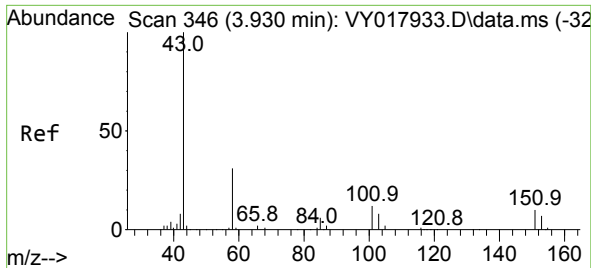
Tgt Ion:168 Resp: 362509  
Ion Ratio Lower Upper  
168 100  
99 44.9 39.1 58.7



#11  
Tert butyl alcohol  
Concen: Below Cal  
RT: 4.960 min Scan# 515  
Delta R.T. 0.006 min  
Lab File: VY018042.D  
Acq: 25 Apr 2024 11:22

Tgt Ion: 59 Resp: 505  
Ion Ratio Lower Upper  
59 100  
57 0.0 3.0 4.6#

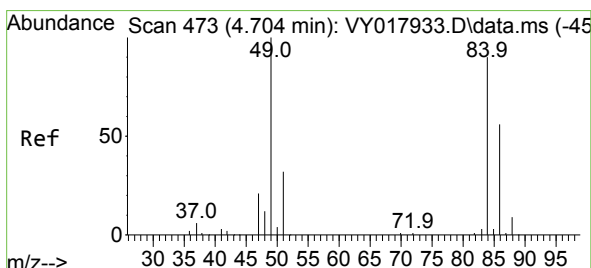
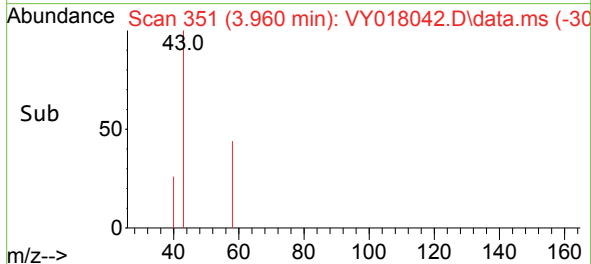
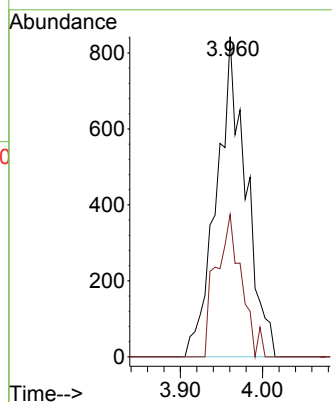
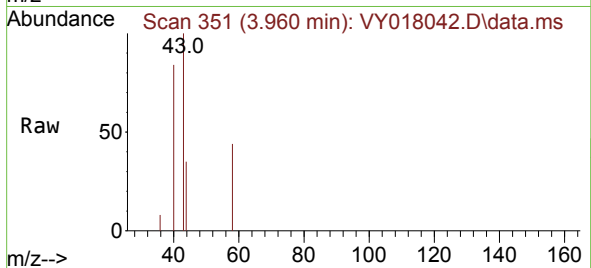




#16  
Acetone  
Concen: 3.367 ug/l  
RT: 3.960 min Scan# 31  
Delta R.T. 0.012 min  
Lab File: VY018042.D  
Acq: 25 Apr 2024 11:22

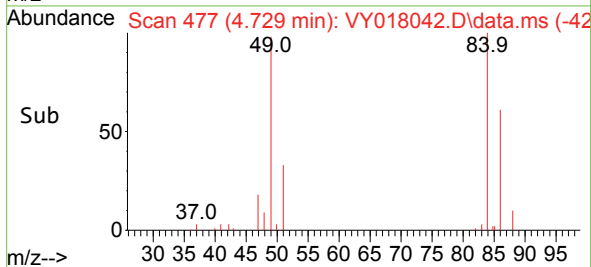
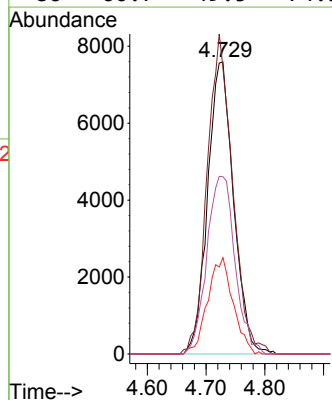
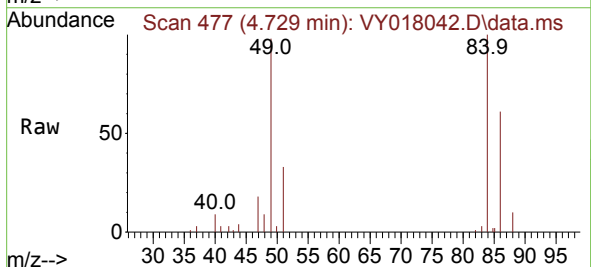
Instrument :  
MSVOA\_Y  
ClientSampleId :

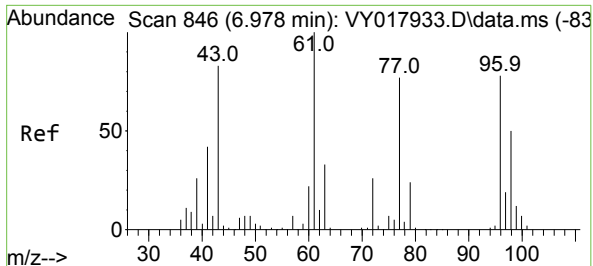
Tgt Ion: 43 Resp: 2087  
Ion Ratio Lower Upper  
43 100  
58 44.5 31.7 47.5



#20  
Methylene Chloride  
Concen: 5.537 ug/l  
RT: 4.729 min Scan# 477  
Delta R.T. 0.012 min  
Lab File: VY018042.D  
Acq: 25 Apr 2024 11:22

Tgt Ion: 84 Resp: 23251  
Ion Ratio Lower Upper  
84 100  
49 98.1 84.4 126.6  
51 33.0 26.0 39.0  
86 60.7 49.5 74.3

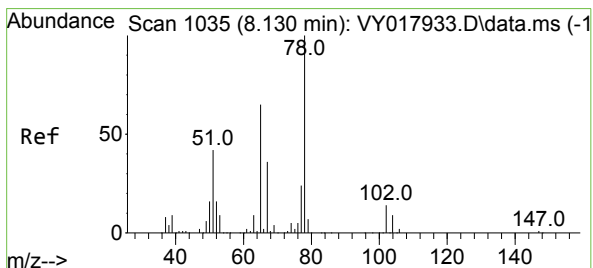
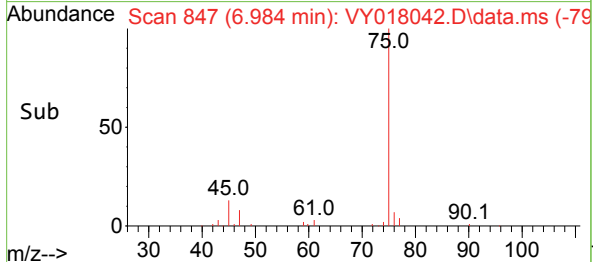
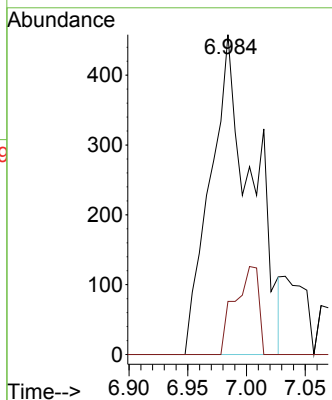
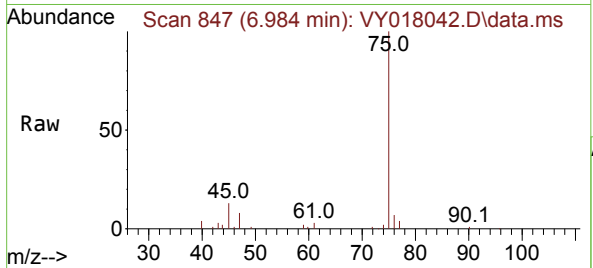




#25  
2-Butanone  
Concen: 1.245 ug/l  
RT: 6.984 min Scan# 846  
Delta R.T. 0.000 min  
Lab File: VY018042.D  
Acq: 25 Apr 2024 11:22

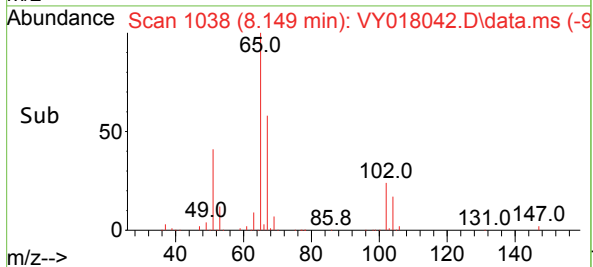
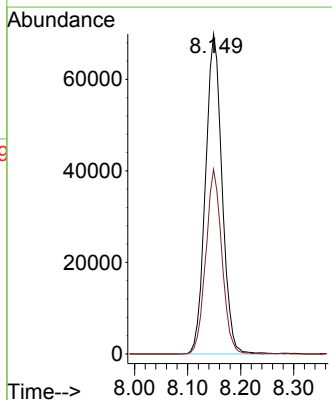
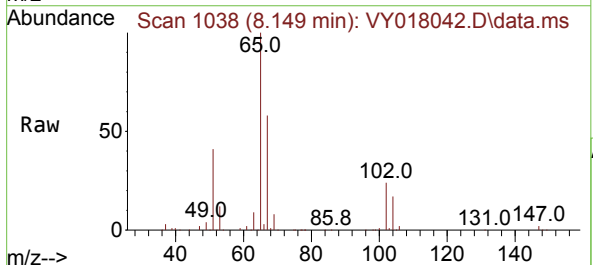
Instrument :  
MSVOA\_Y  
ClientSampleId :

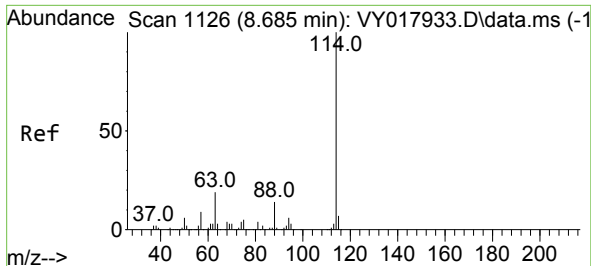
Tgt Ion: 43 Resp: 1134  
Ion Ratio Lower Upper  
43 100  
72 16.6 27.3 40.9#



#33  
1,2-Dichloroethane-d4  
Concen: 48.263 ug/l  
RT: 8.149 min Scan# 1038  
Delta R.T. 0.006 min  
Lab File: VY018042.D  
Acq: 25 Apr 2024 11:22

Tgt Ion: 65 Resp: 151404  
Ion Ratio Lower Upper  
65 100  
67 56.2 0.0 109.6

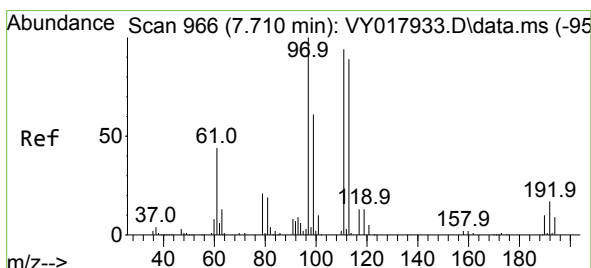
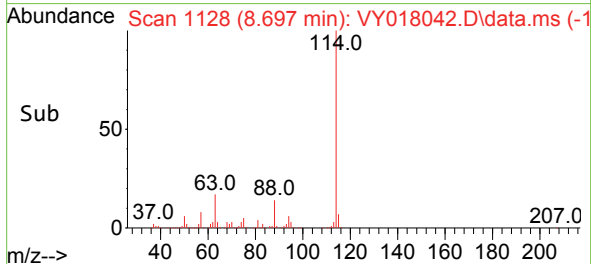
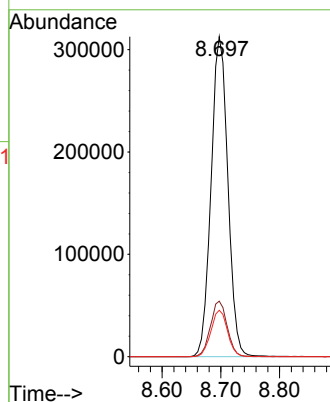
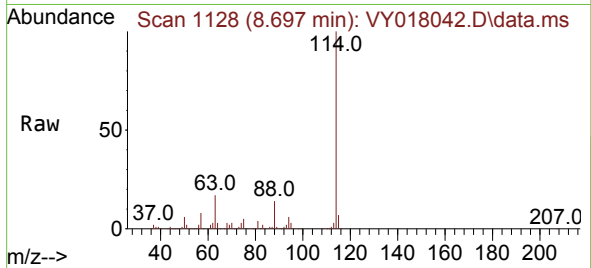




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 8.697 min Scan# 1126  
Delta R.T. 0.006 min  
Lab File: VY018042.D  
Acq: 25 Apr 2024 11:22

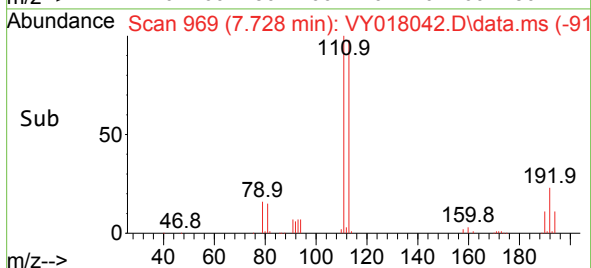
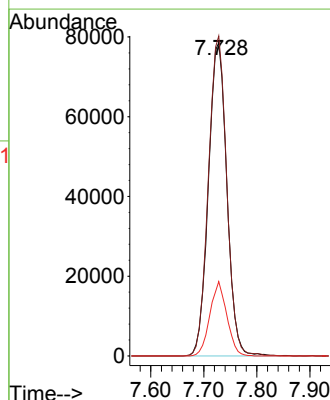
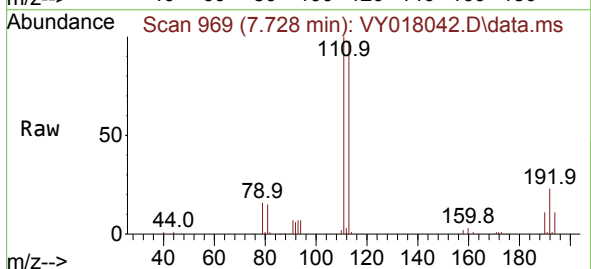
Instrument :  
MSVOA\_Y  
ClientSampleId :

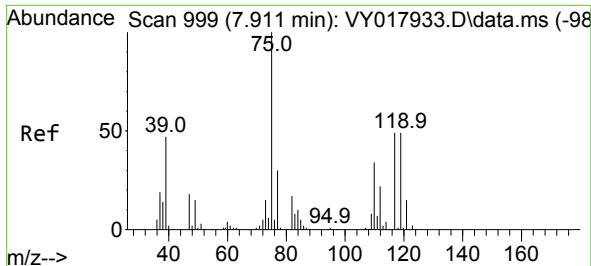
Tgt Ion:114 Resp: 620451  
Ion Ratio Lower Upper  
114 100  
63 17.4 0.0 35.0  
88 14.5 0.0 27.2



#35  
Dibromofluoromethane  
Concen: 49.538 ug/l  
RT: 7.728 min Scan# 969  
Delta R.T. 0.006 min  
Lab File: VY018042.D  
Acq: 25 Apr 2024 11:22

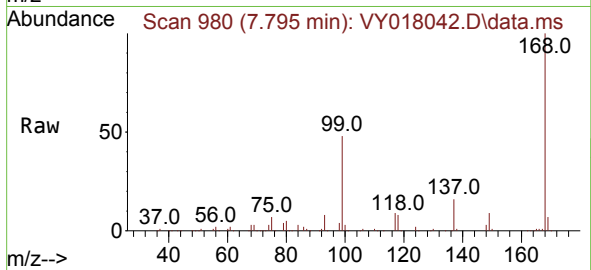
Tgt Ion:113 Resp: 189623  
Ion Ratio Lower Upper  
113 100  
111 101.6 82.2 123.4  
192 21.8 15.9 23.9



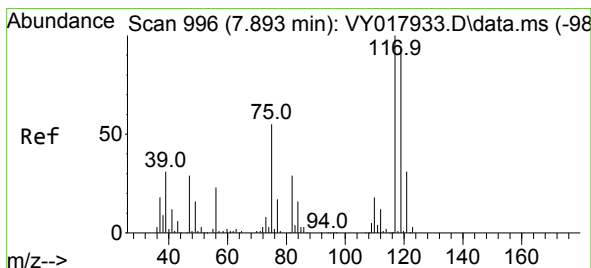
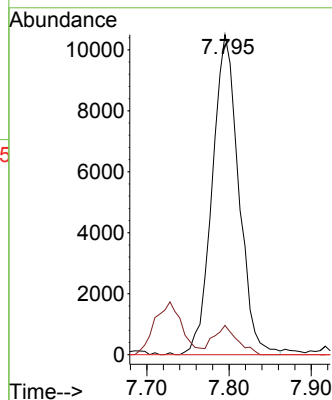
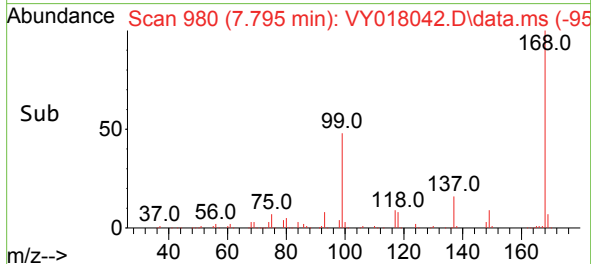


#36  
1,1-Dichloropropene  
Concen: 4.225 ug/l  
RT: 7.795 min Scan# 90  
Delta R.T. -0.122 min  
Lab File: VY018042.D  
Acq: 25 Apr 2024 11:22

Instrument :  
MSVOA\_Y  
ClientSampleId :

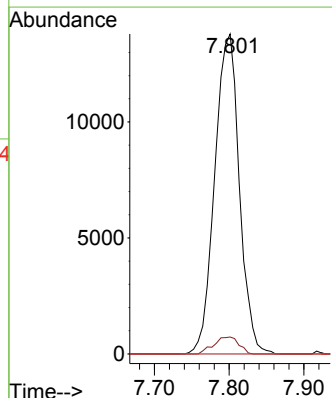
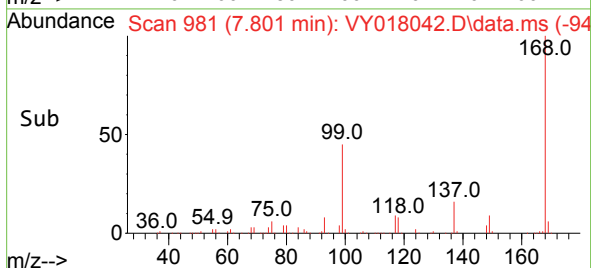
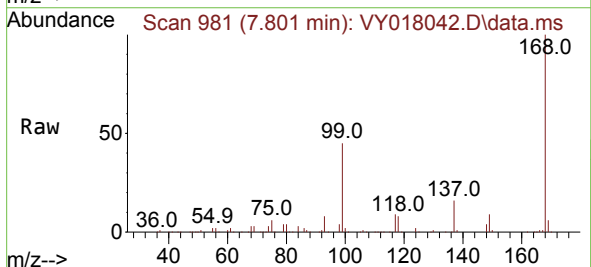


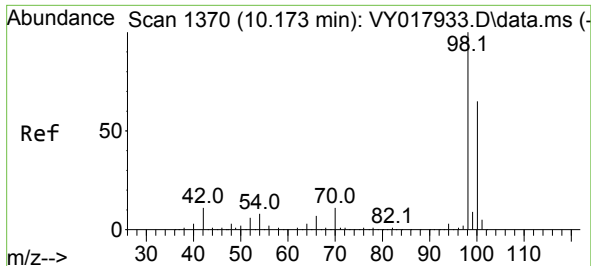
Tgt Ion: 75 Resp: 23517  
Ion Ratio Lower Upper  
75 100  
110 8.0 19.0 57.0#  
77 0.0 25.3 37.9#



#38  
Carbon Tetrachloride  
Concen: 5.620 ug/l  
RT: 7.801 min Scan# 981  
Delta R.T. -0.103 min  
Lab File: VY018042.D  
Acq: 25 Apr 2024 11:22

Tgt Ion: 117 Resp: 31607  
Ion Ratio Lower Upper  
117 100  
119 5.3 75.8 113.6#  
121 0.0 24.0 36.0#

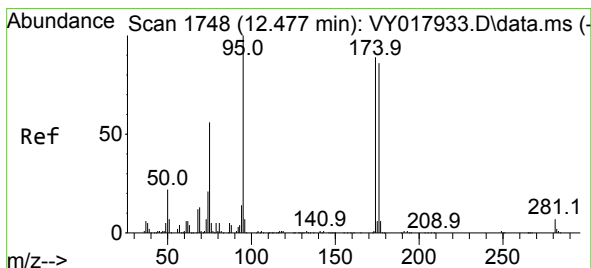
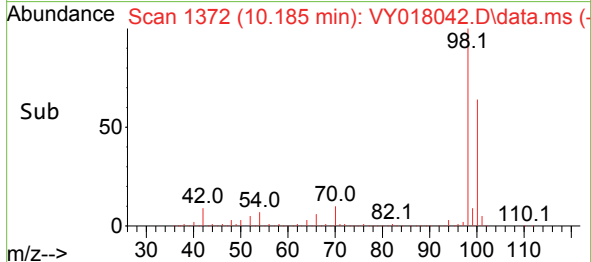
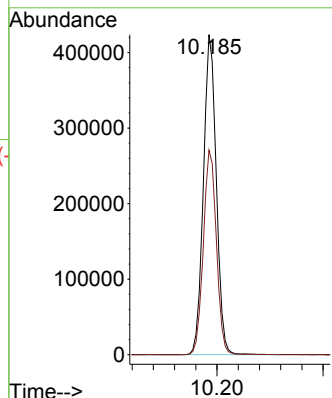
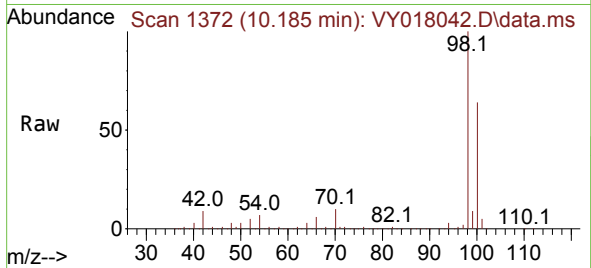




#50  
Toluene-d8  
Concen: 49.042 ug/l  
RT: 10.185 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VY018042.D  
Acq: 25 Apr 2024 11:22

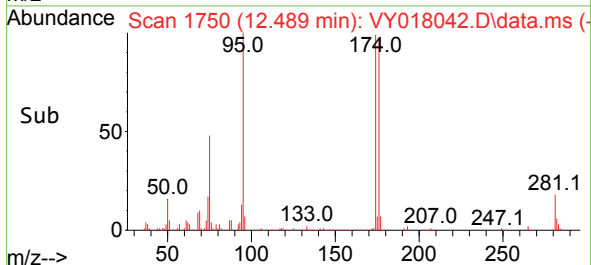
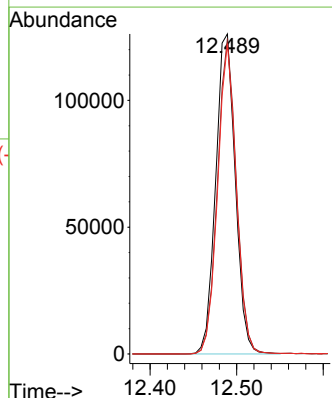
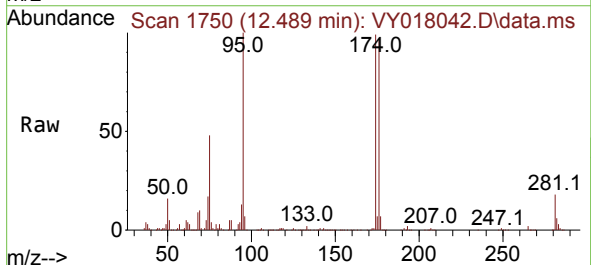
Instrument :  
MSVOA\_Y  
ClientSampleId :

Tgt Ion: 98 Resp: 712318  
Ion Ratio Lower Upper  
98 100  
100 64.8 52.0 78.0

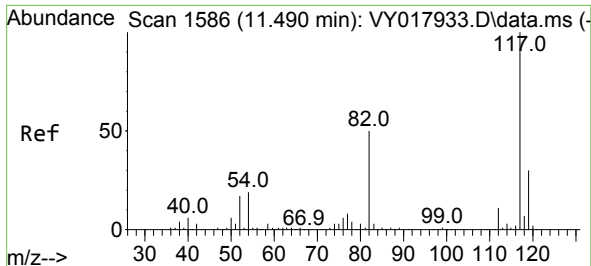


#62  
4-Bromofluorobenzene  
Concen: 44.106 ug/l  
RT: 12.489 min Scan# 1750  
Delta R.T. 0.006 min  
Lab File: VY018042.D  
Acq: 25 Apr 2024 11:22

Tgt Ion: 95 Resp: 198403  
Ion Ratio Lower Upper  
95 100  
174 95.2 0.0 175.6  
176 92.2 0.0 171.4



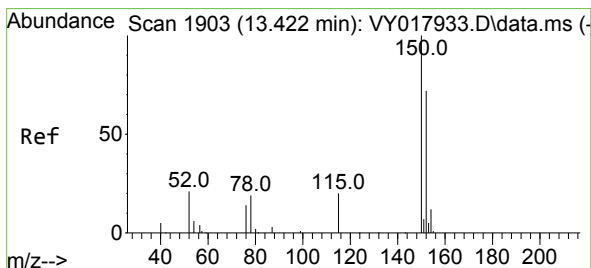
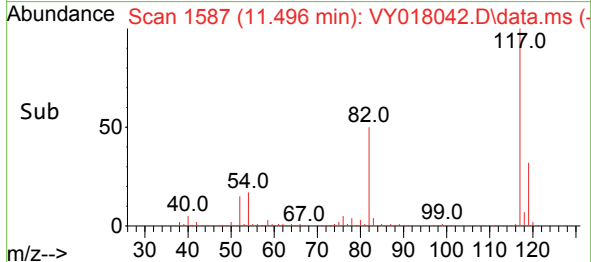
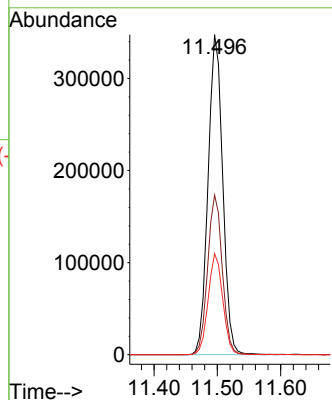
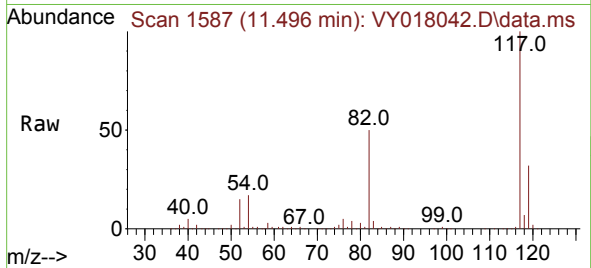




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.496 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VY018042.D  
Acq: 25 Apr 2024 11:22

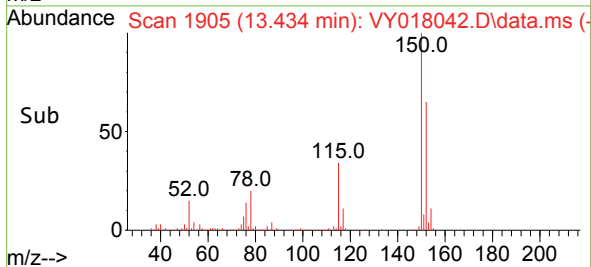
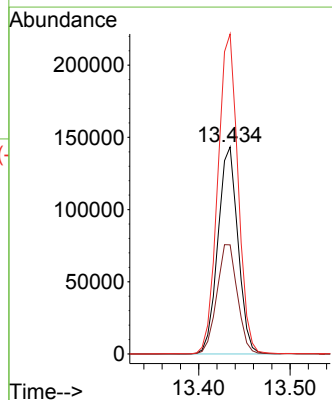
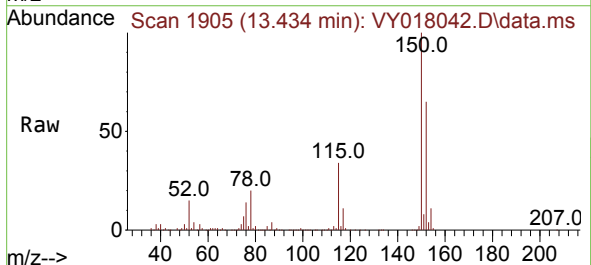
Instrument :  
MSVOA\_Y  
ClientSampleId :

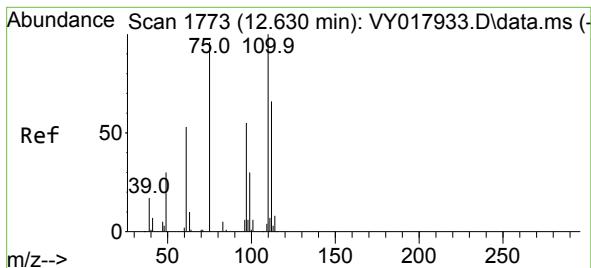
Tgt Ion:117 Resp: 561299  
Ion Ratio Lower Upper  
117 100  
82 49.9 42.4 63.6  
119 31.6 25.9 38.9



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.434 min Scan# 1905  
Delta R.T. 0.006 min  
Lab File: VY018042.D  
Acq: 25 Apr 2024 11:22

Tgt Ion:152 Resp: 218762  
Ion Ratio Lower Upper  
152 100  
115 54.4 28.2 84.7  
150 155.5 0.0 345.6





#76

1,2,3-Trichloropropane

Concen: 46.345 ug/l

RT: 12.489 min Scan# 1750

Delta R.T. -0.146 min

Lab File: VY018042.D

Acq: 25 Apr 2024 11:22

Instrument :

MSVOA\_Y

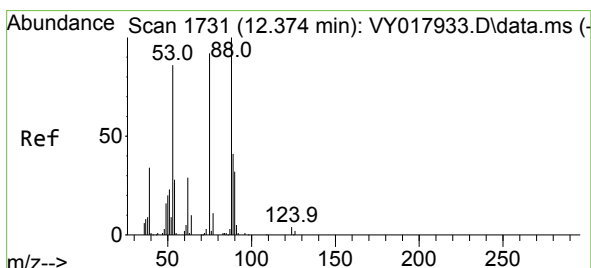
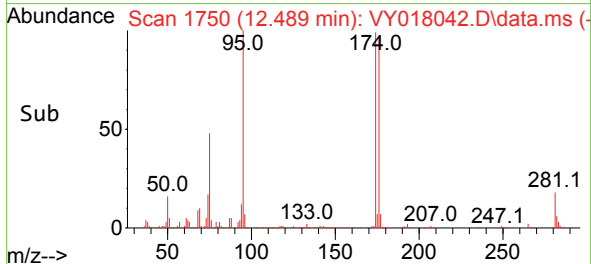
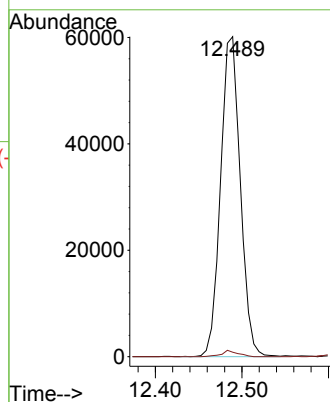
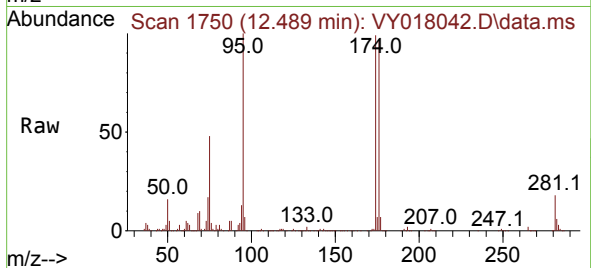
ClientSampleId :

Tgt Ion: 75 Resp: 95138

Ion Ratio Lower Upper

75 100

77 1.6 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 95.555 ug/l

RT: 12.489 min Scan# 1750

Delta R.T. 0.110 min

Lab File: VY018042.D

Acq: 25 Apr 2024 11:22

Tgt Ion: 75 Resp: 95138

Ion Ratio Lower Upper

75 100

53 0.1 66.8 100.2#

89 0.1 35.8 53.6#

