

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY012522\  
 Data File : VY007294.D  
 Acq On : 25 Jan 2022 16:52  
 Operator : SY/MD  
 Sample : N1266-04  
 Misc : 6.93g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :

Quant Time: Jan 26 03:57:51 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y011322S.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Jan 14 05:48:29 2022  
 Response via : Initial Calibration

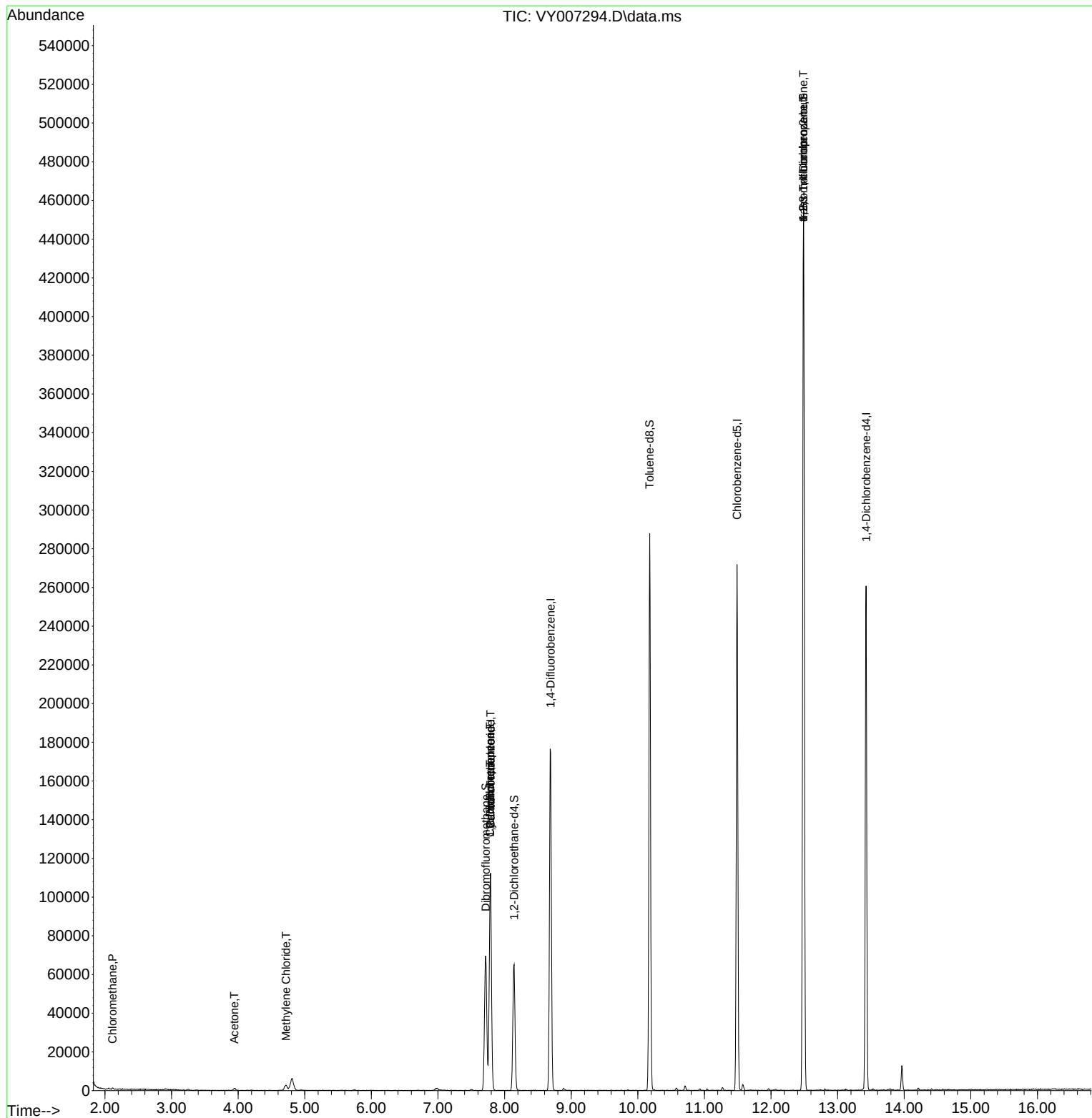
| Compound                      | R.T. QIon |       | Response | Conc      | Units      | Dev(Min) |
|-------------------------------|-----------|-------|----------|-----------|------------|----------|
| -----                         |           |       |          |           |            |          |
| Internal Standards            |           |       |          |           |            |          |
| 1) Pentafluorobenzene         | 7.789     | 168   | 82661    | 50.000    | ug/l       | 0.00     |
| 34) 1,4-Difluorobenzene       | 8.691     | 114   | 152780   | 50.000    | ug/l       | 0.00     |
| 63) Chlorobenzene-d5          | 11.490    | 117   | 144032   | 50.000    | ug/l       | 0.00     |
| 72) 1,4-Dichlorobenzene-d4    | 13.428    | 152   | 62469    | 50.000    | ug/l       | 0.00     |
| System Monitoring Compounds   |           |       |          |           |            |          |
| 33) 1,2-Dichloroethane-d4     | 8.143     | 65    | 52574    | 51.835    | ug/l       | 0.00     |
| Spiked Amount                 | 50.000    | Range | 50 - 163 | Recovery  | = 103.660% |          |
| 35) Dibromofluoromethane      | 7.716     | 113   | 51042    | 49.408    | ug/l       | 0.00     |
| Spiked Amount                 | 50.000    | Range | 54 - 147 | Recovery  | = 98.820%  |          |
| 50) Toluene-d8                | 10.179    | 98    | 186802   | 49.487    | ug/l       | 0.00     |
| Spiked Amount                 | 50.000    | Range | 49 - 140 | Recovery  | = 98.980%  |          |
| 62) 4-Bromofluorobenzene      | 12.483    | 95    | 67124    | 49.990    | ug/l       | 0.00     |
| Spiked Amount                 | 50.000    | Range | 25 - 144 | Recovery  | = 99.980%  |          |
| Target Compounds              |           |       |          |           |            |          |
|                               |           |       |          |           | Qvalue     |          |
| 3) Chloromethane              | 2.113     | 50    | 685      | 1.127     | ug/l       | 96       |
| 11) Tert butyl alcohol        | 4.936     | 59    | 332      | Below Cal | #          | 73       |
| 16) Acetone                   | 3.942     | 43    | 2041     | 7.754     | ug/l       | 100      |
| 20) Methylene Chloride        | 4.716     | 84    | 2363     | 2.171     | ug/l       | 89       |
| 31) Cyclohexane               | 7.783     | 56    | 1802     | 1.051     | ug/l #     | 1        |
| 36) 1,1-Dichloropropene       | 7.783     | 75    | 6941     | 4.207     | ug/l #     | 50       |
| 38) Carbon Tetrachloride      | 7.789     | 117   | 9267     | 5.340     | ug/l #     | 15       |
| 76) 1,2,3-Trichloropropane    | 12.483    | 75    | 38767    | 54.424    | ug/l #     | 100      |
| 81) trans-1,4-Dichloro-2-b... | 12.483    | 75    | 38767    | 99.636    | ug/l #     | 3        |
| -----                         |           |       |          |           |            |          |

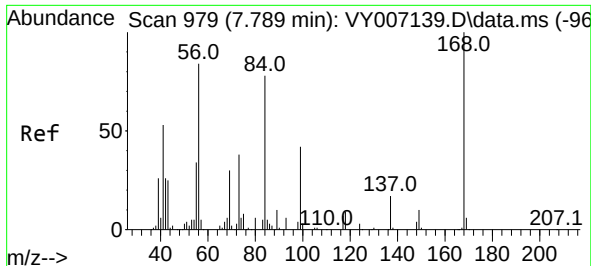
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY012522\  
Data File : VY007294.D  
Acq On : 25 Jan 2022 16:52  
Operator : SY/MD  
Sample : N1266-04  
Misc : 6.93g/5.0mL/MSVOA\_Y/SOIL  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
MSVOA\_Y  
ClientSampleId :

Quant Time: Jan 26 03:57:51 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y011322S.M  
Quant Title : SW846 8260  
QLast Update : Fri Jan 14 05:48:29 2022  
Response via : Initial Calibration

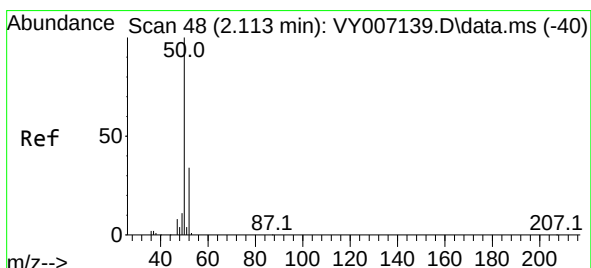
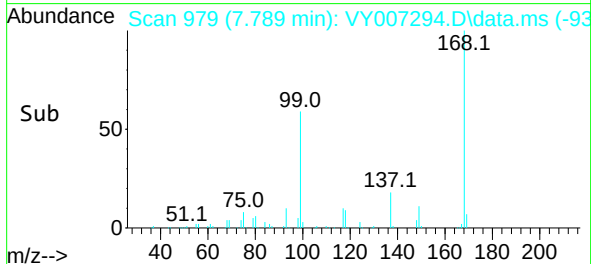
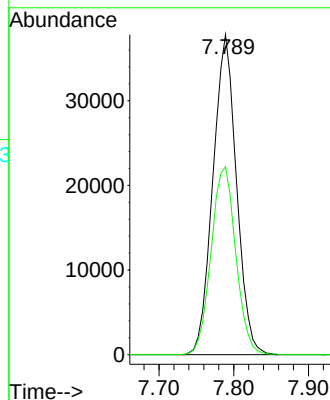
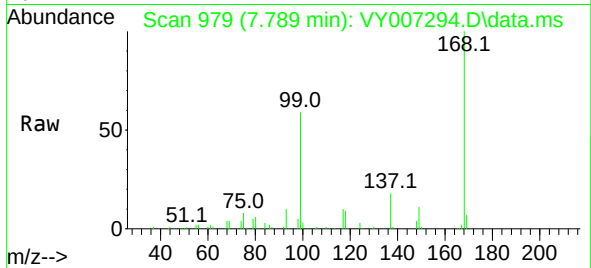




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.789 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VY007294.D  
Acq: 25 Jan 2022 16:52

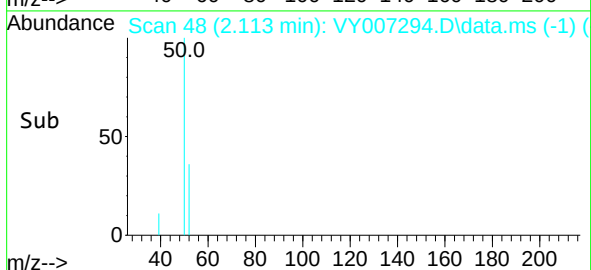
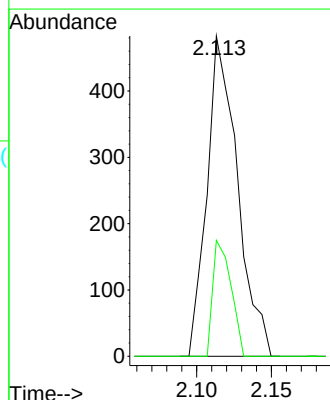
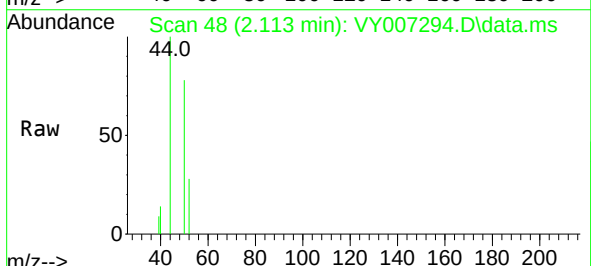
Instrument :  
MSVOA\_Y  
ClientSampleId :

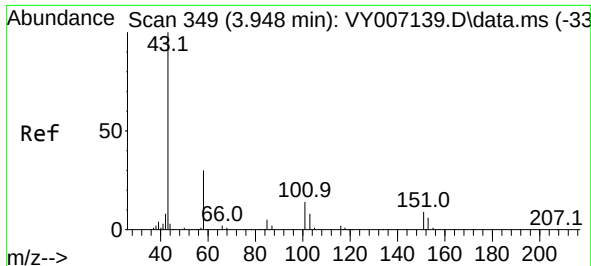
Tgt Ion:168 Resp: 82661  
Ion Ratio Lower Upper  
168 100  
99 58.7 49.1 73.7



#3  
Chloromethane  
Concen: 1.127 ug/l  
RT: 2.113 min Scan# 48  
Delta R.T. 0.000 min  
Lab File: VY007294.D  
Acq: 25 Jan 2022 16:52

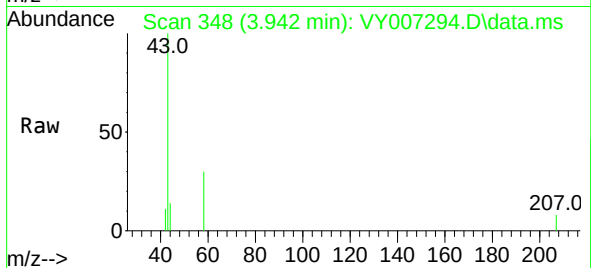
Tgt Ion: 50 Resp: 685  
Ion Ratio Lower Upper  
50 100  
52 36.2 27.1 40.7



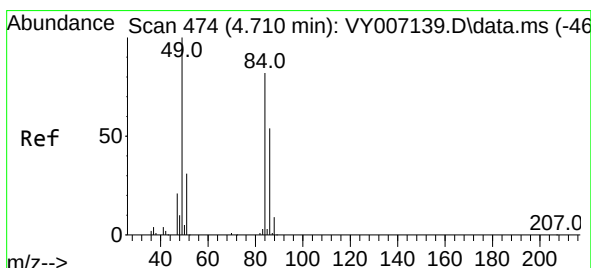
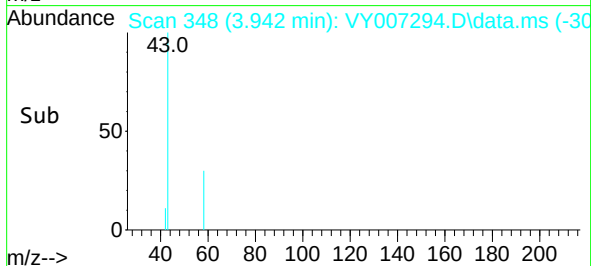
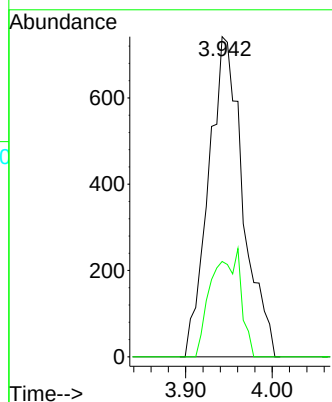


#16  
Acetone  
Concen: 7.754 ug/l  
RT: 3.942 min Scan# 349  
Delta R.T. -0.006 min  
Lab File: VY007294.D  
Acq: 25 Jan 2022 16:52

Instrument :  
MSVOA\_Y  
ClientSampleId :

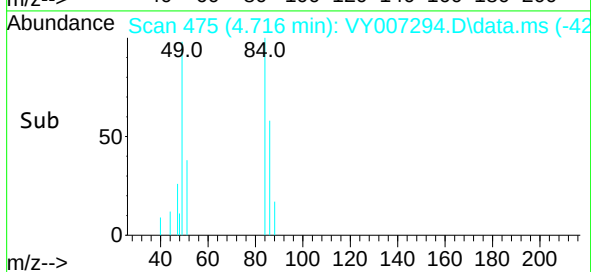
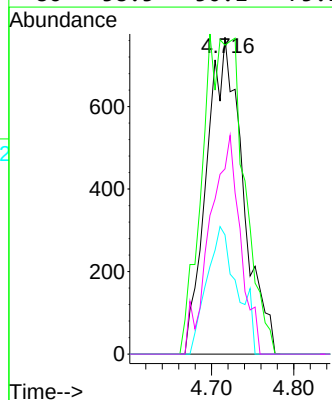
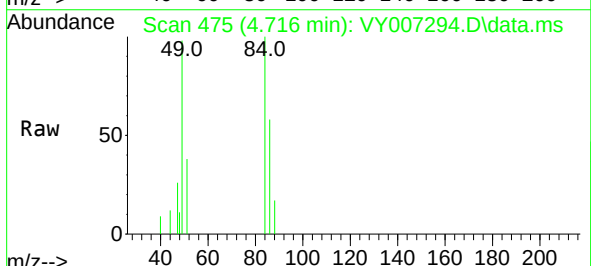


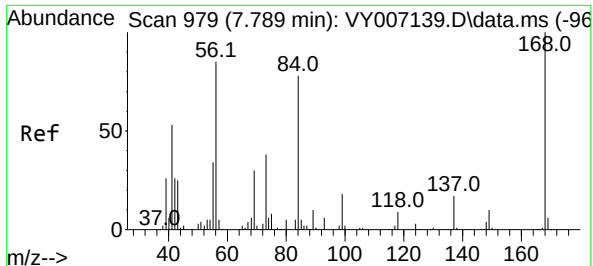
Tgt Ion: 43 Resp: 2041  
Ion Ratio Lower Upper  
43 100  
58 29.8 23.8 35.6



#20  
Methylene Chloride  
Concen: 2.171 ug/l  
RT: 4.716 min Scan# 475  
Delta R.T. 0.006 min  
Lab File: VY007294.D  
Acq: 25 Jan 2022 16:52

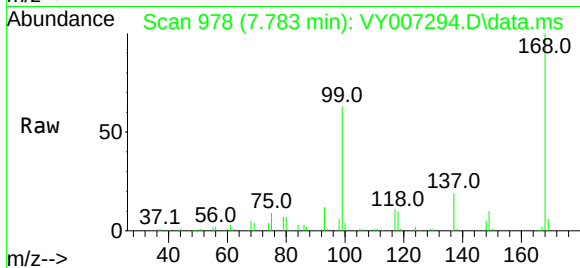
Tgt Ion: 84 Resp: 2363  
Ion Ratio Lower Upper  
84 100  
49 97.5 92.6 139.0  
51 37.6 28.6 42.8  
86 58.5 50.1 75.1



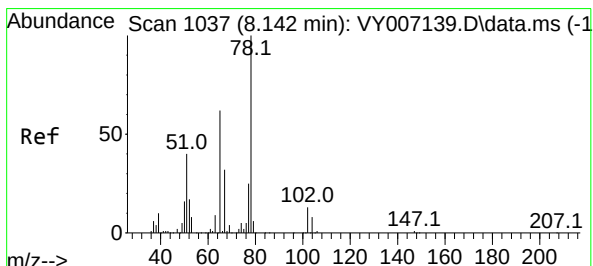
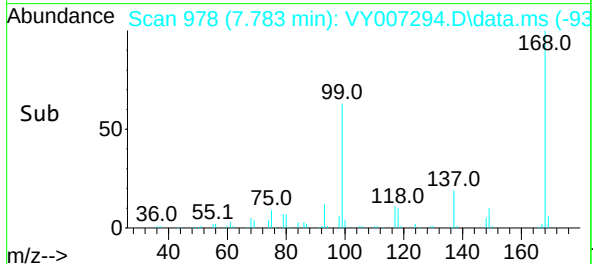
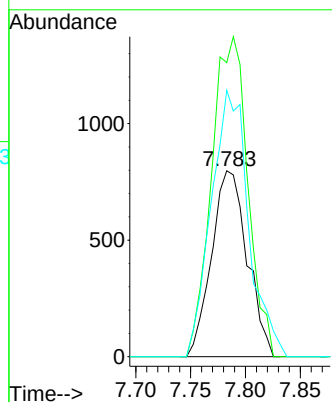


#31  
Cyclohexane  
Concen: 1.051 ug/l  
RT: 7.783 min Scan# 91  
Delta R.T. -0.006 min  
Lab File: VY007294.D  
Acq: 25 Jan 2022 16:52

Instrument :  
MSVOA\_Y  
ClientSampleId :

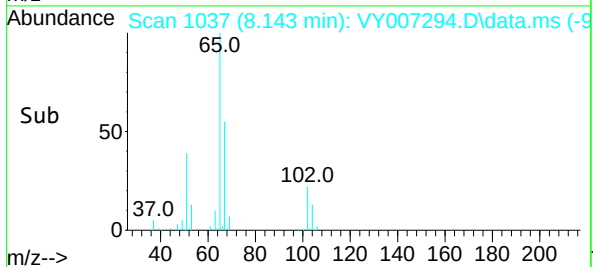
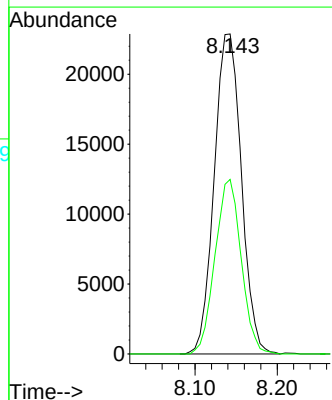
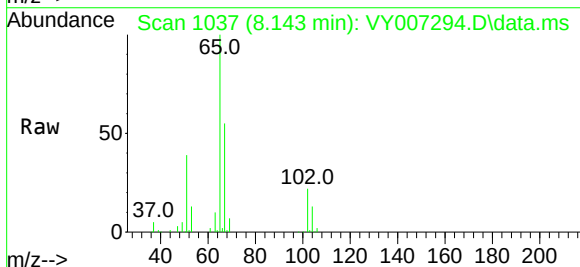


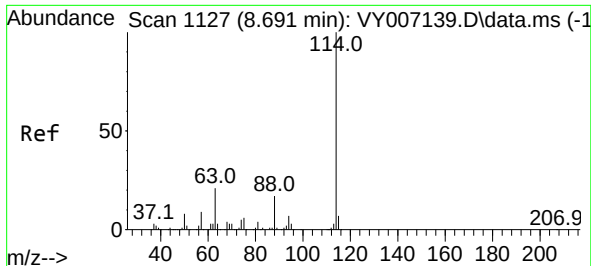
Tgt Ion: 56 Resp: 1802  
Ion Ratio Lower Upper  
56 100  
69 158.1 27.2 40.8#  
84 143.2 72.1 108.1#



#33  
1,2-Dichloroethane-d4  
Concen: 51.835 ug/l  
RT: 8.143 min Scan# 1037  
Delta R.T. 0.000 min  
Lab File: VY007294.D  
Acq: 25 Jan 2022 16:52

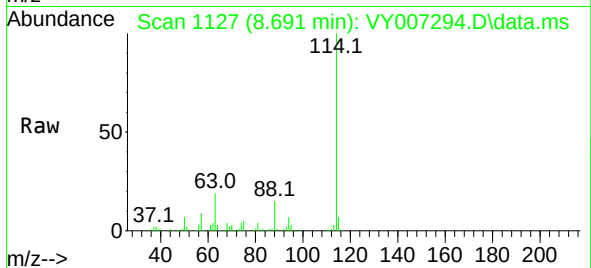
Tgt Ion: 65 Resp: 52574  
Ion Ratio Lower Upper  
65 100  
67 52.6 0.0 105.6



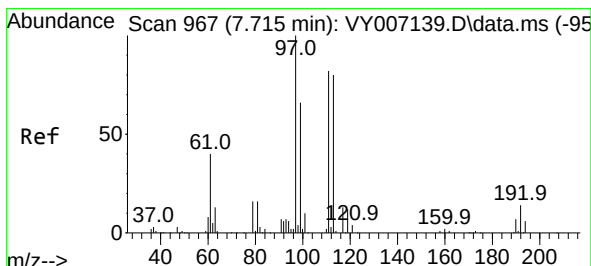
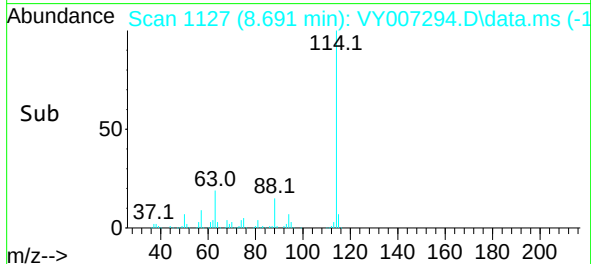
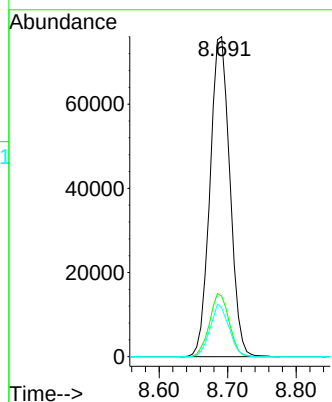


#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 8.691 min Scan# 1127  
Delta R.T. 0.000 min  
Lab File: VY007294.D  
Acq: 25 Jan 2022 16:52

Instrument :  
MSVOA\_Y  
ClientSampleId :

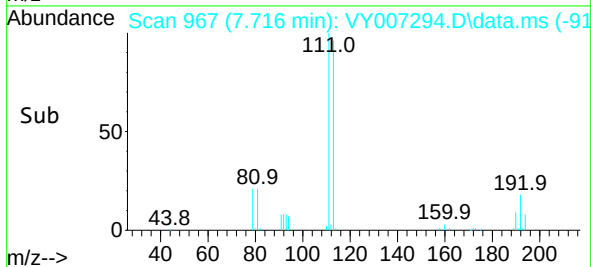
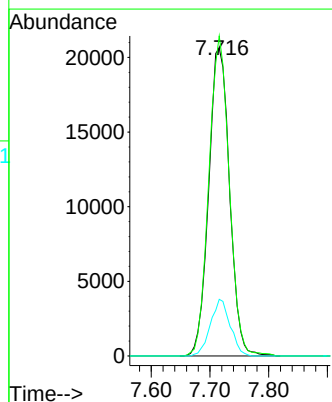
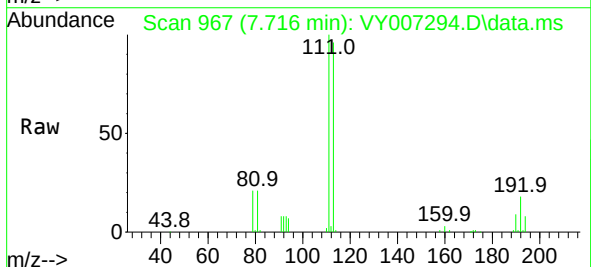


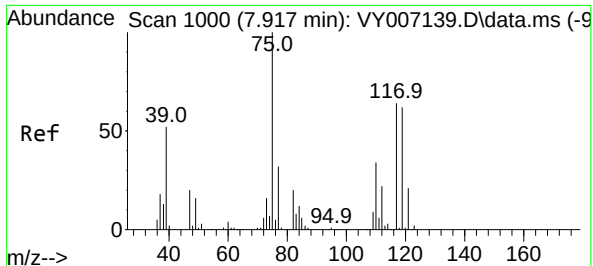
Tgt Ion:114 Resp: 152780  
Ion Ratio Lower Upper  
114 100  
63 18.9 0.0 39.2  
88 15.3 0.0 31.0



#35  
Dibromofluoromethane  
Concen: 49.408 ug/l  
RT: 7.716 min Scan# 967  
Delta R.T. 0.000 min  
Lab File: VY007294.D  
Acq: 25 Jan 2022 16:52

Tgt Ion:113 Resp: 51042  
Ion Ratio Lower Upper  
113 100  
111 101.5 82.2 123.4  
192 17.4 14.2 21.4





#36

1,1-Dichloropropene

Concen: 4.207 ug/l

RT: 7.783 min Scan# 91

Delta R.T. -0.134 min

Lab File: VY007294.D

Acq: 25 Jan 2022 16:52

Instrument :

MSVOA\_Y

ClientSampleId :

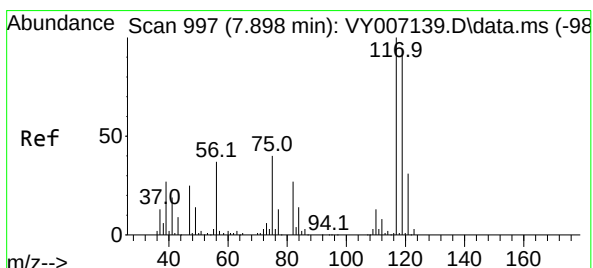
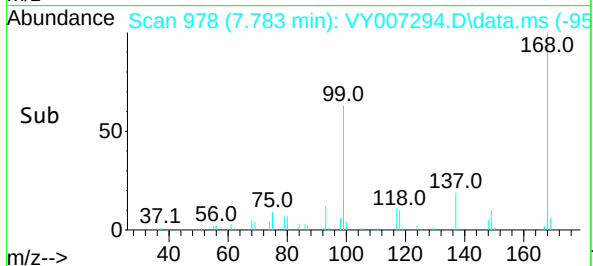
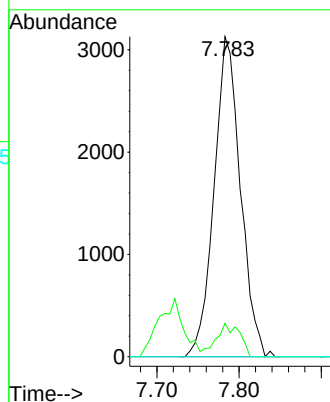
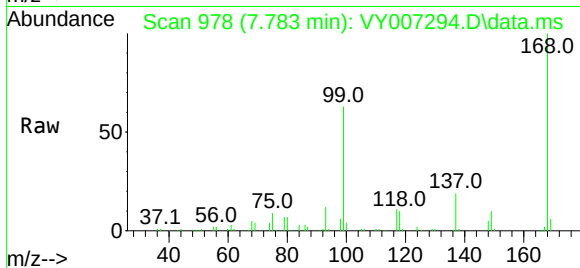
Tgt Ion: 75 Resp: 6941

Ion Ratio Lower Upper

75 100

110 8.9 17.3 51.9#

77 0.0 24.7 37.1#



#38

Carbon Tetrachloride

Concen: 5.340 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.109 min

Lab File: VY007294.D

Acq: 25 Jan 2022 16:52

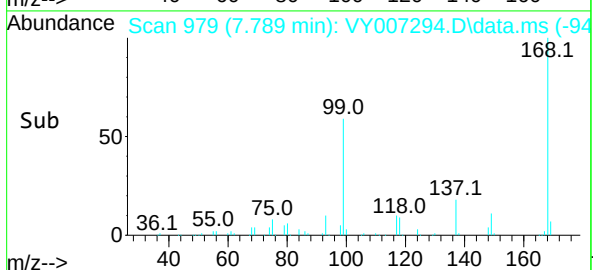
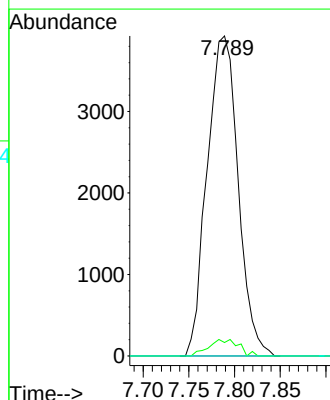
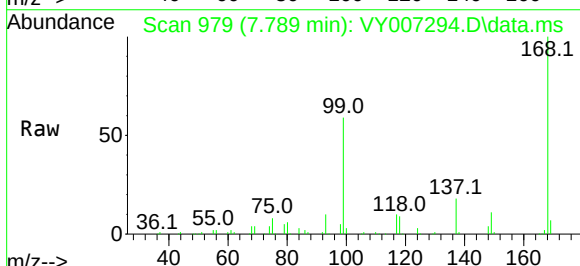
Tgt Ion: 117 Resp: 9267

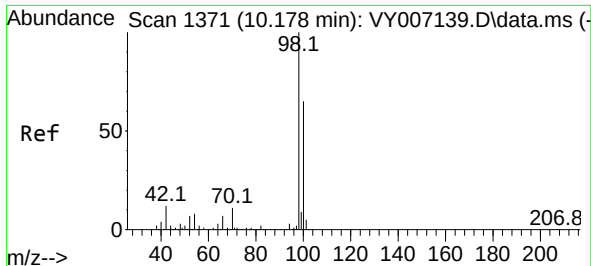
Ion Ratio Lower Upper

117 100

119 4.2 77.2 115.8#

121 0.0 24.2 36.2#

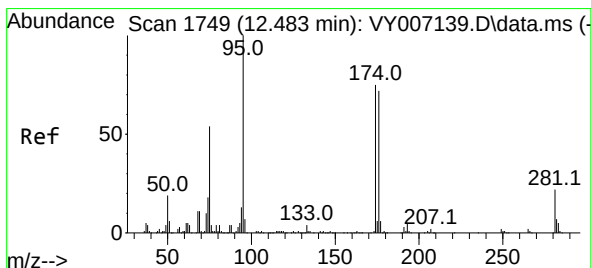
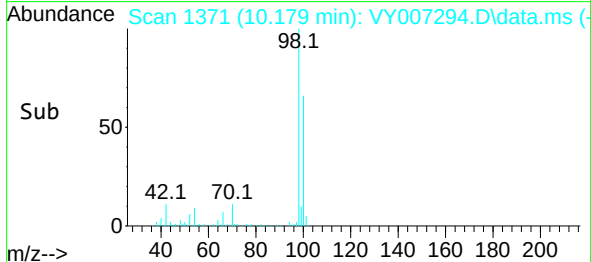
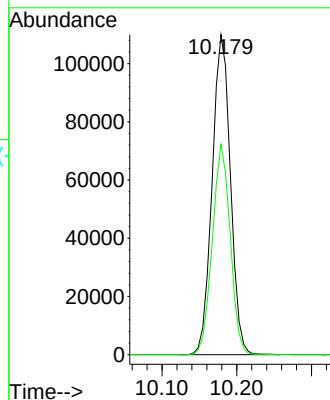
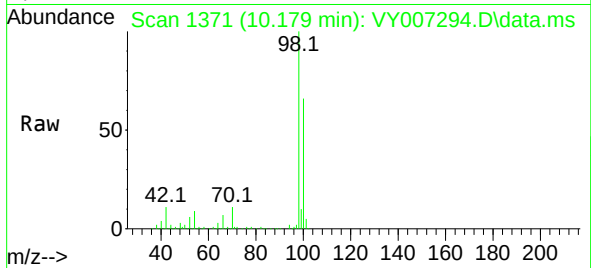




#50  
Toluene-d8  
Concen: 49.487 ug/l  
RT: 10.179 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VY007294.D  
Acq: 25 Jan 2022 16:52

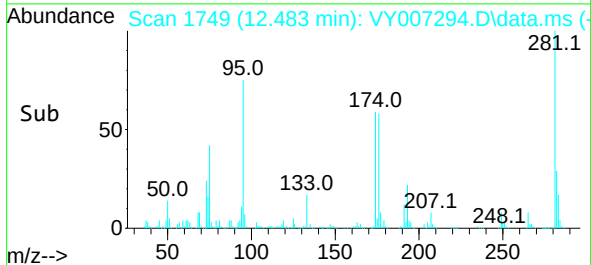
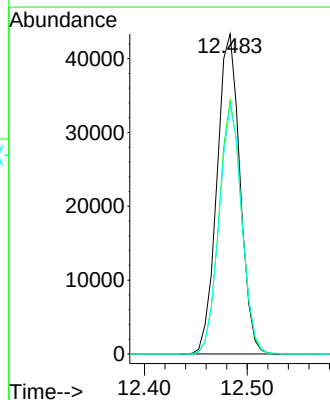
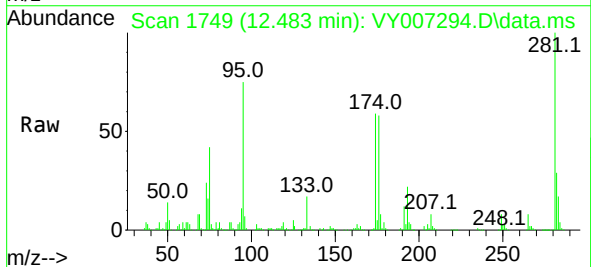
Instrument :  
MSVOA\_Y  
ClientSampleId :

Tgt Ion: 98 Resp: 186802  
Ion Ratio Lower Upper  
98 100  
100 64.4 52.2 78.2

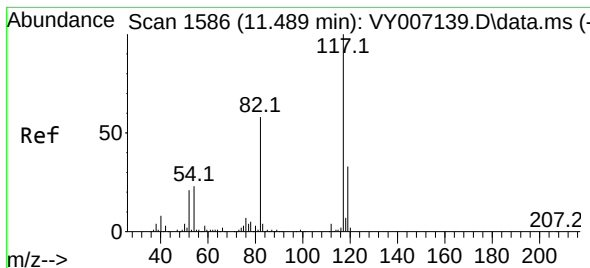


#62  
4-Bromofluorobenzene  
Concen: 49.990 ug/l  
RT: 12.483 min Scan# 1749  
Delta R.T. 0.000 min  
Lab File: VY007294.D  
Acq: 25 Jan 2022 16:52

Tgt Ion: 95 Resp: 67124  
Ion Ratio Lower Upper  
95 100  
174 77.6 0.0 148.4  
176 77.1 0.0 146.6







#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. 0.000 min

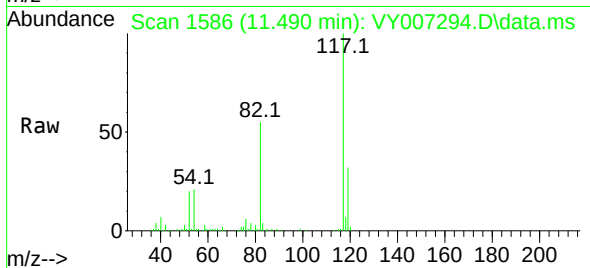
Lab File: VY007294.D

Acq: 25 Jan 2022 16:52

Instrument :

MSVOA\_Y

ClientSampleId :



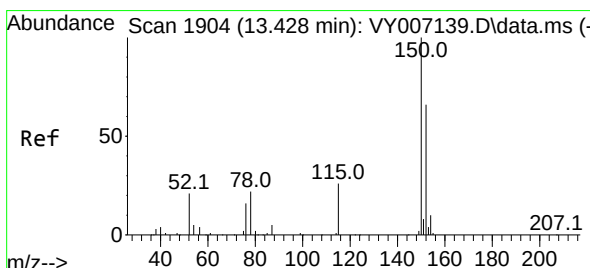
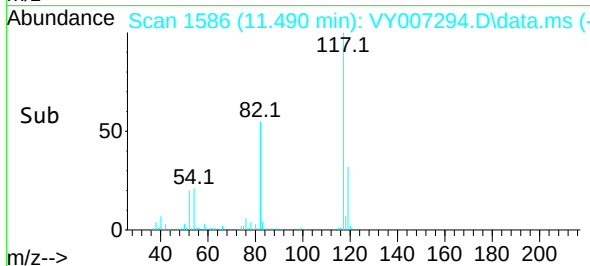
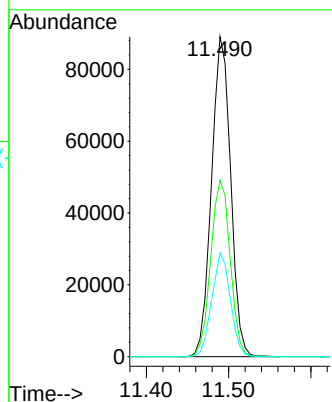
Tgt Ion:117 Resp: 144032

Ion Ratio Lower Upper

117 100

82 55.2 45.4 68.0

119 32.5 26.4 39.6



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY007294.D

Acq: 25 Jan 2022 16:52

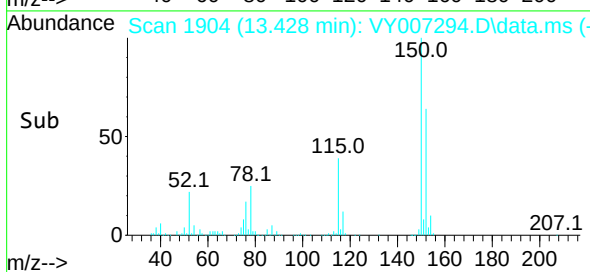
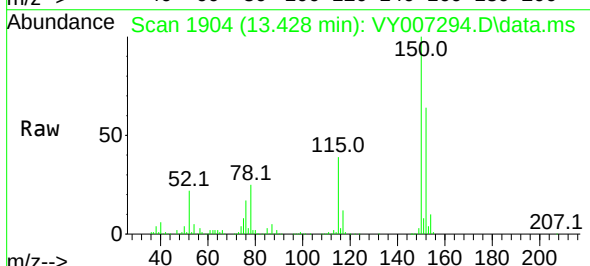
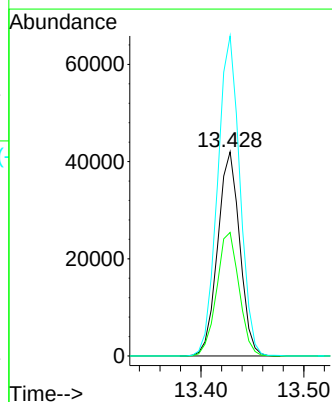
Tgt Ion:152 Resp: 62469

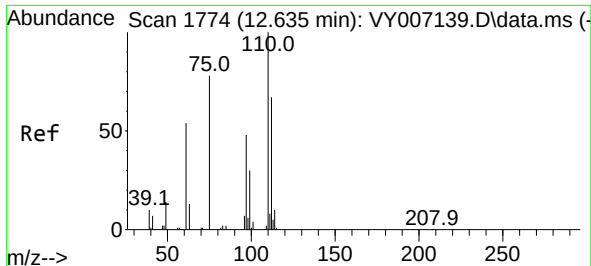
Ion Ratio Lower Upper

152 100

115 61.6 31.4 94.0

150 158.5 0.0 348.4

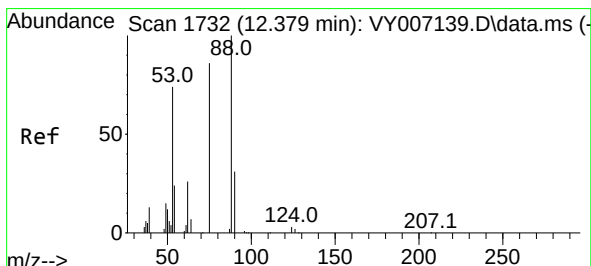
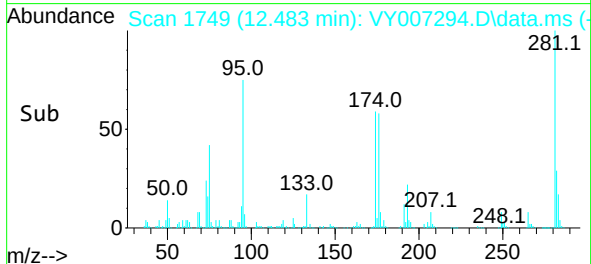
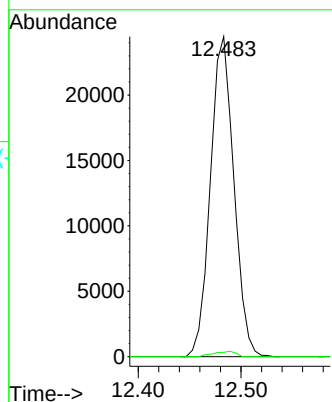
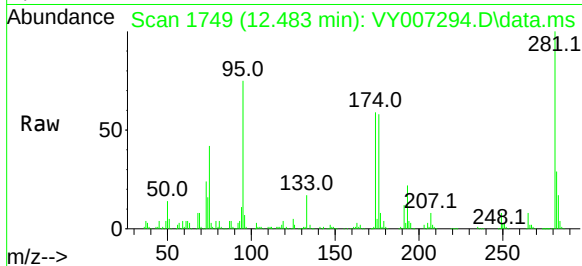




#76  
1,2,3-Trichloropropane  
Concen: 54.424 ug/l  
RT: 12.483 min Scan# 1749  
Delta R.T. -0.152 min  
Lab File: VY007294.D  
Acq: 25 Jan 2022 16:52

Instrument :  
MSVOA\_Y  
ClientSampleId :

Tgt Ion: 75 Resp: 38767  
Ion Ratio Lower Upper  
75 100  
77 1.6 0.0 0.0#



#81  
trans-1,4-Dichloro-2-butene  
Concen: 99.636 ug/l  
RT: 12.483 min Scan# 1749  
Delta R.T. 0.104 min  
Lab File: VY007294.D  
Acq: 25 Jan 2022 16:52

Tgt Ion: 75 Resp: 38767  
Ion Ratio Lower Upper  
75 100  
53 0.0 73.9 110.9#  
89 2.7 0.0 0.0#

