

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY060424\  
 Data File : VY018463.D  
 Acq On : 04 Jun 2024 14:52  
 Operator : SY/MD  
 Sample : P2665-02  
 Misc : 5.06g/5.0mL/MSVOA\_Y/SOIL/B  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :

Quant Time: Jun 05 01:25:40 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y060324S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Jun 04 07:11:56 2024  
 Response via : Initial Calibration

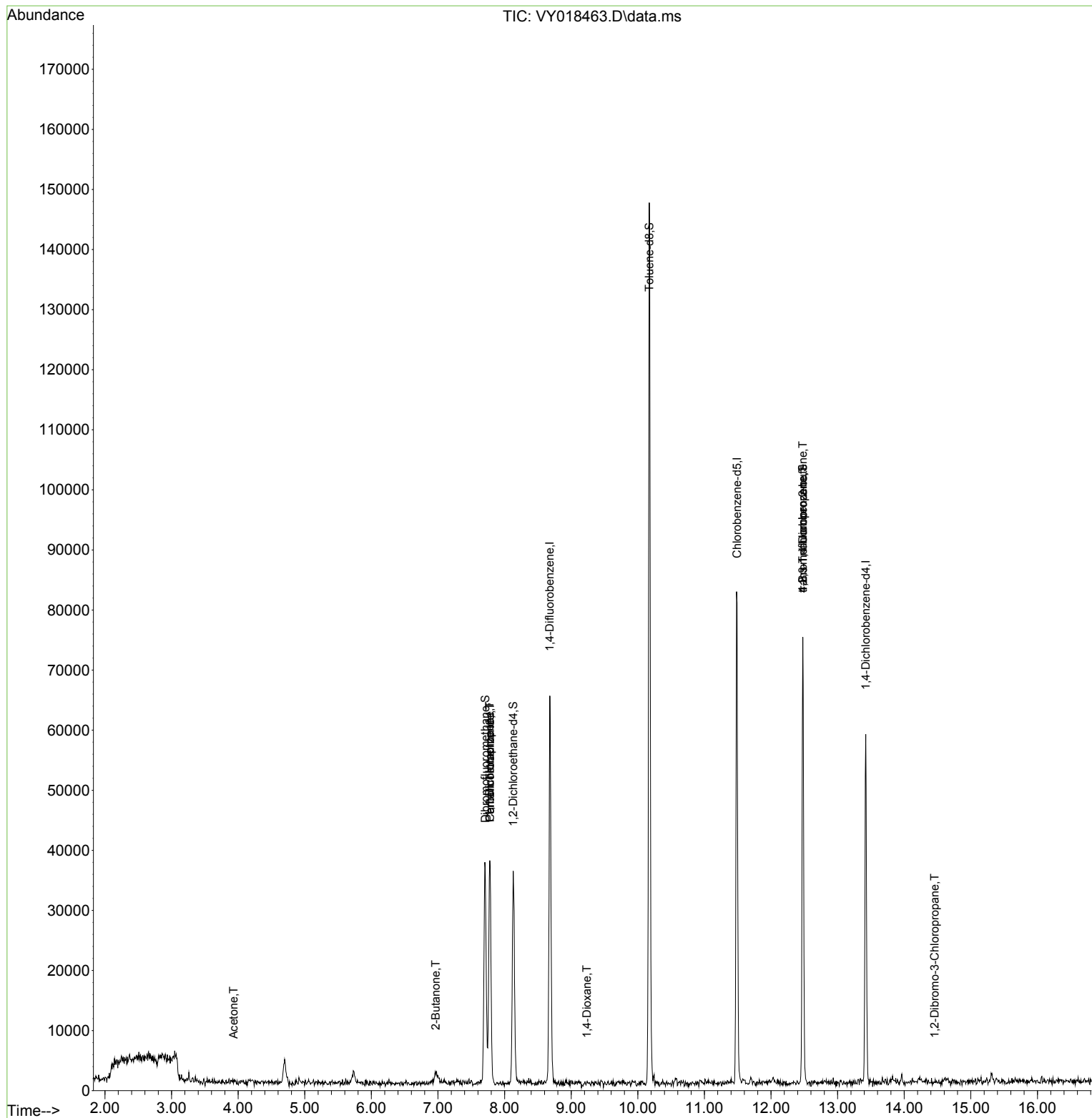
| Compound                      | R.T.   | QIon  | Response | Conc      | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|-----------|--------|----------|
| -----                         |        |       |          |           |        |          |
| Internal Standards            |        |       |          |           |        |          |
| 1) Pentafluorobenzene         | 7.783  | 168   | 26980    | 50.000    | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene       | 8.679  | 114   | 51651    | 50.000    | ug/l   | 0.00     |
| 63) Chlorobenzene-d5          | 11.489 | 117   | 43782    | 50.000    | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4    | 13.422 | 152   | 13764    | 50.000    | ug/l   | 0.00     |
| System Monitoring Compounds   |        |       |          |           |        |          |
| 33) 1,2-Dichloroethane-d4     | 8.130  | 65    | 25674    | 48.456    | ug/l   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 50 - 163 | Recovery  | =      | 96.920%  |
| 35) Dibromofluoromethane      | 7.710  | 113   | 25125    | 38.361    | ug/l   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 54 - 147 | Recovery  | =      | 76.720%  |
| 50) Toluene-d8                | 10.173 | 98    | 92491    | 35.496    | ug/l   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 58 - 134 | Recovery  | =      | 71.000%  |
| 62) 4-Bromofluorobenzene      | 12.477 | 95    | 22525    | 27.765    | ug/l   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 30 - 143 | Recovery  | =      | 55.520%  |
| Target Compounds              |        |       |          |           |        |          |
|                               |        |       |          |           | Qvalue |          |
| 11) Tert butyl alcohol        | 4.948  | 59    | 76       | Below Cal | #      | 88       |
| 16) Acetone                   | 3.930  | 43    | 383      | 3.257     | ug/l # | 36       |
| 25) 2-Butanone                | 6.966  | 43    | 274      | 1.521     | ug/l # | 41       |
| 36) 1,1-Dichloropropene       | 7.777  | 75    | 2369     | 2.372     | ug/l # | 53       |
| 38) Carbon Tetrachloride      | 7.783  | 117   | 2982     | 2.980     | ug/l # | 18       |
| 49) 1,4-Dioxane               | 9.234  | 88    | 49       | 9.510     | ug/l # | 20       |
| 76) 1,2,3-Trichloropropane    | 12.477 | 75    | 12446    | 72.922    | ug/l # | 100      |
| 81) trans-1,4-Dichloro-2-b... | 12.477 | 75    | 12446    | 153.205   | ug/l # | 16       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.458 | 75    | 39       | 1.025     | ug/l # | 1        |
| -----                         |        |       |          |           |        |          |

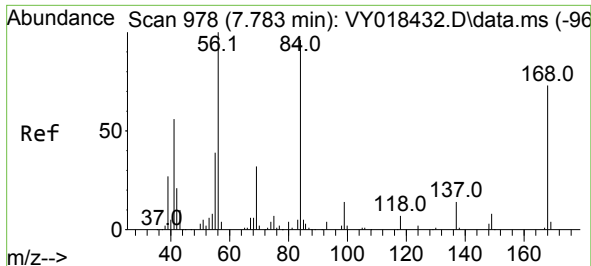
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY060424\  
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ALS Vial : 11 Sample Multiplier: 1

Instrument :  
MSVOA\_Y  
ClientSampleId :

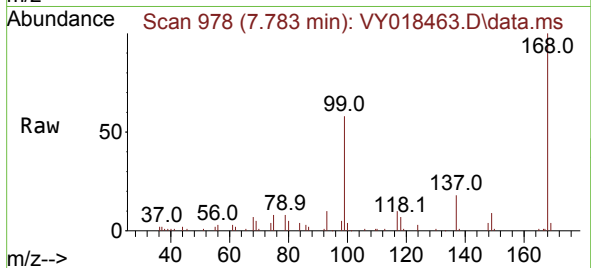
Quant Time: Jun 05 01:25:40 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y060324S.M  
Quant Title : SW846 8260  
QLast Update : Tue Jun 04 07:11:56 2024  
Response via : Initial Calibration



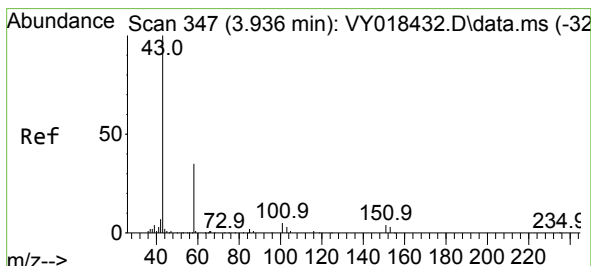
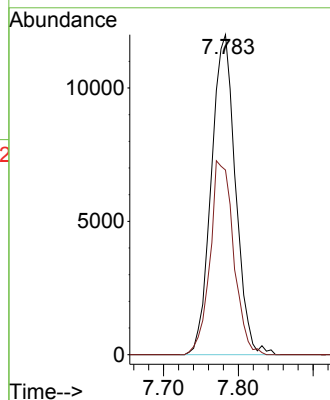
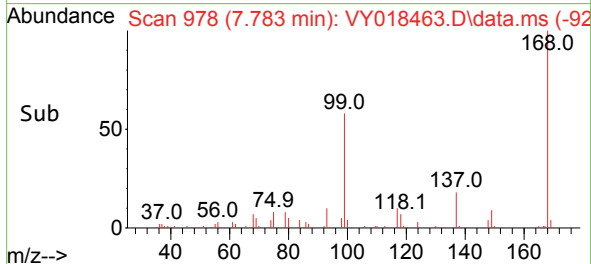


#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.783 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VY018463.D  
Acq: 04 Jun 2024 14:52

Instrument :  
MSVOA\_Y  
ClientSampleId :

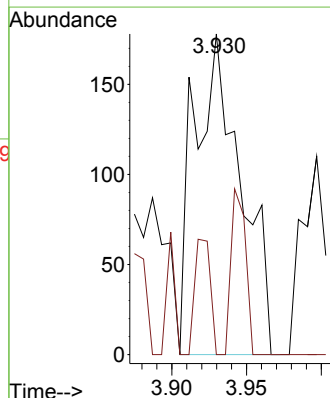
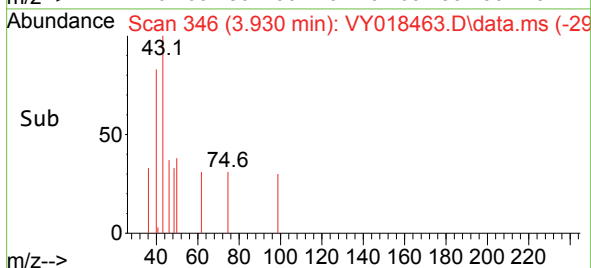
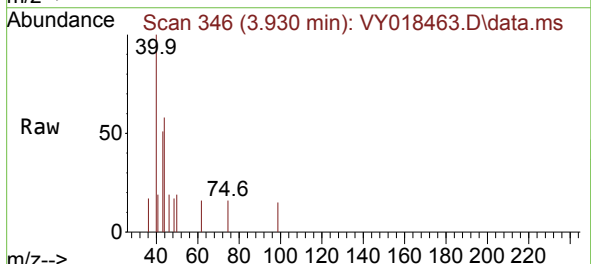


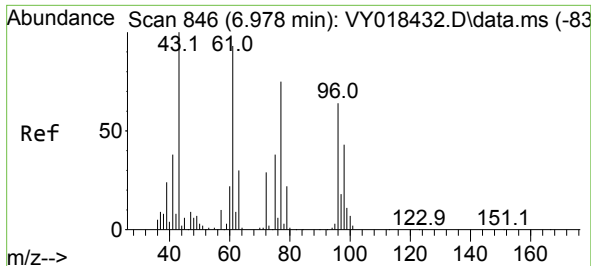
Tgt Ion:168 Resp: 26980  
Ion Ratio Lower Upper  
168 100  
99 57.7 39.1 58.7



#16  
Acetone  
Concen: 3.257 ug/l  
RT: 3.930 min Scan# 346  
Delta R.T. -0.006 min  
Lab File: VY018463.D  
Acq: 04 Jun 2024 14:52

Tgt Ion: 43 Resp: 383  
Ion Ratio Lower Upper  
43 100  
58 0.0 31.7 47.5#





#25

2-Butanone

Concen: 1.521 ug/l

RT: 6.966 min Scan# 84

Delta R.T. -0.012 min

Lab File: VY018463.D

Acq: 04 Jun 2024 14:52

Instrument :

MSVOA\_Y

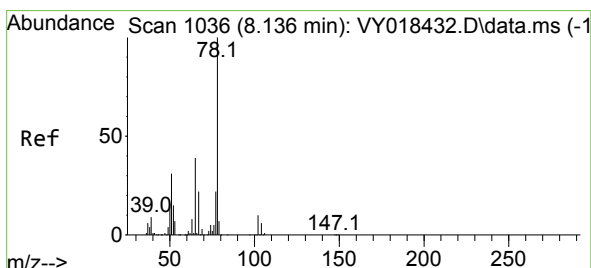
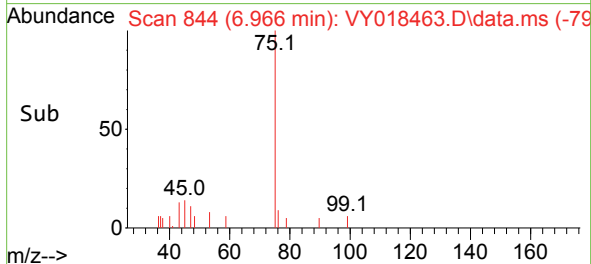
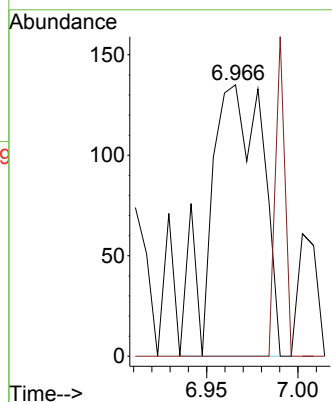
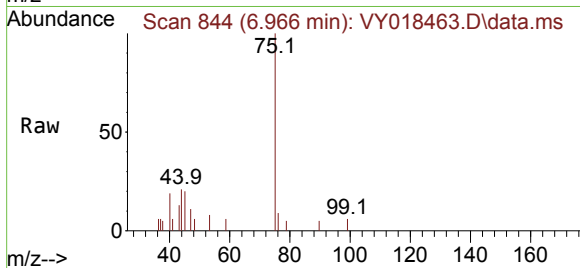
ClientSampleId :

Tgt Ion: 43 Resp: 274

Ion Ratio Lower Upper

43 100

72 0.0 27.3 40.9#



#33

1,2-Dichloroethane-d4

Concen: 48.456 ug/l

RT: 8.130 min Scan# 1035

Delta R.T. -0.006 min

Lab File: VY018463.D

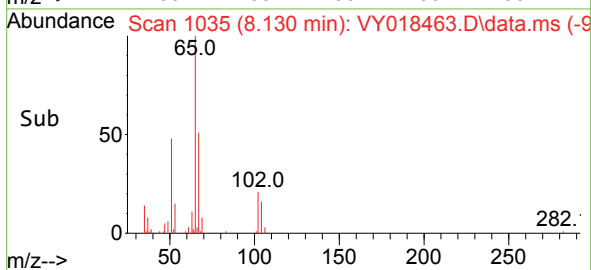
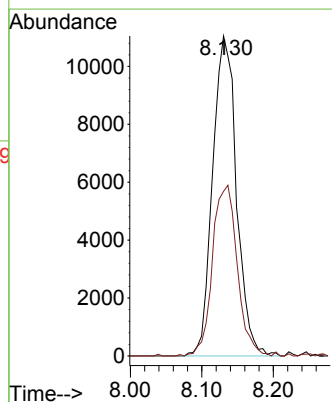
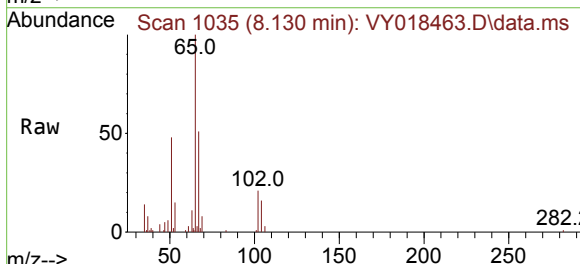
Acq: 04 Jun 2024 14:52

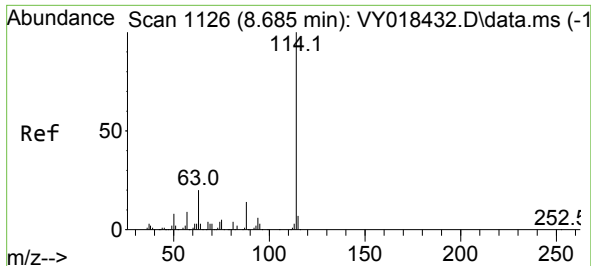
Tgt Ion: 65 Resp: 25674

Ion Ratio Lower Upper

65 100

67 55.2 0.0 109.6

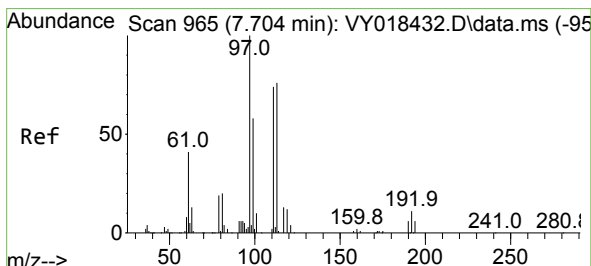
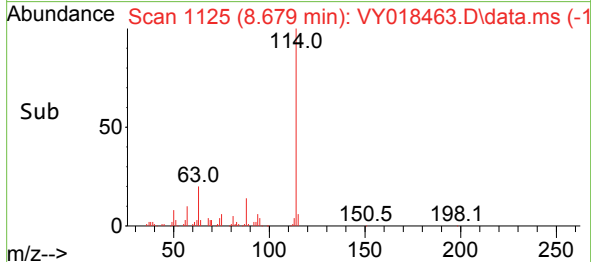
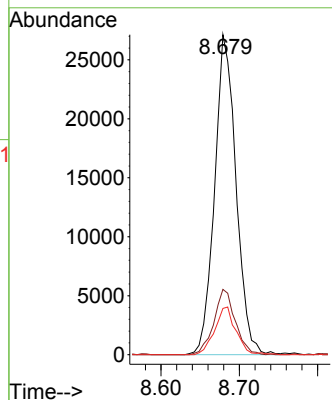
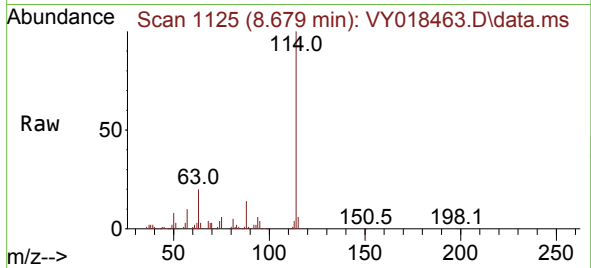




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 8.679 min Scan# 1125  
Delta R.T. -0.006 min  
Lab File: VY018463.D  
Acq: 04 Jun 2024 14:52

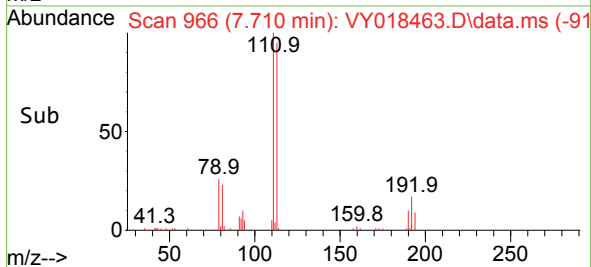
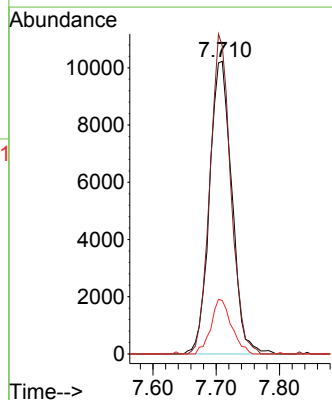
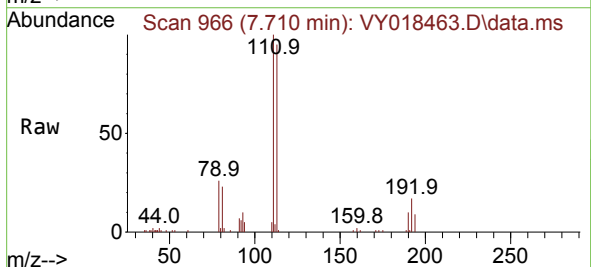
Instrument :  
MSVOA\_Y  
ClientSampleId :

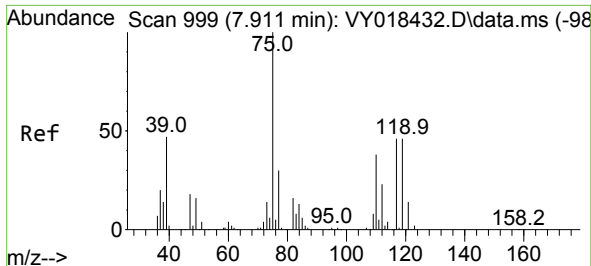
Tgt Ion:114 Resp: 51651  
Ion Ratio Lower Upper  
114 100  
63 20.4 0.0 35.0  
88 14.5 0.0 27.2



#35  
Dibromofluoromethane  
Concen: 38.361 ug/l  
RT: 7.710 min Scan# 966  
Delta R.T. 0.006 min  
Lab File: VY018463.D  
Acq: 04 Jun 2024 14:52

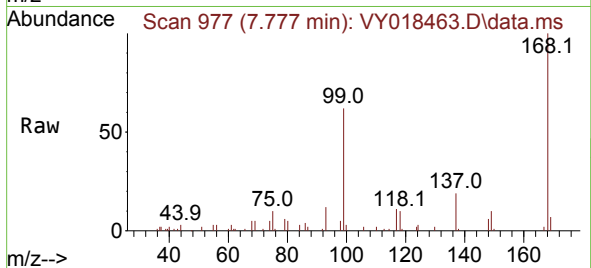
Tgt Ion:113 Resp: 25125  
Ion Ratio Lower Upper  
113 100  
111 101.7 82.2 123.4  
192 17.1 15.9 23.9



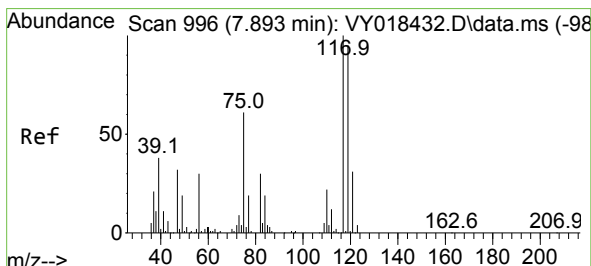
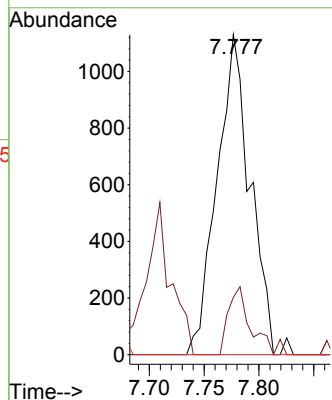
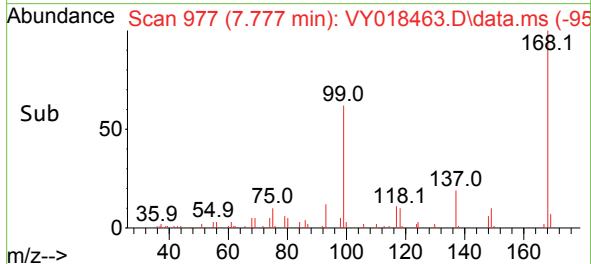


#36  
1,1-Dichloropropene  
Concen: 2.372 ug/l  
RT: 7.777 min Scan# 91  
Delta R.T. -0.134 min  
Lab File: VY018463.D  
Acq: 04 Jun 2024 14:52

Instrument :  
MSVOA\_Y  
ClientSampleId :

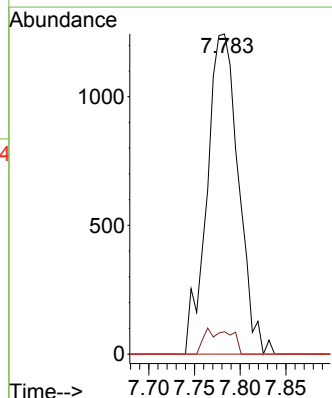
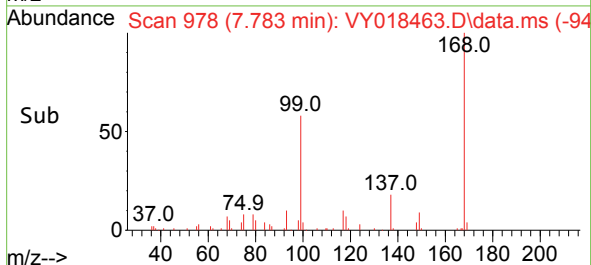
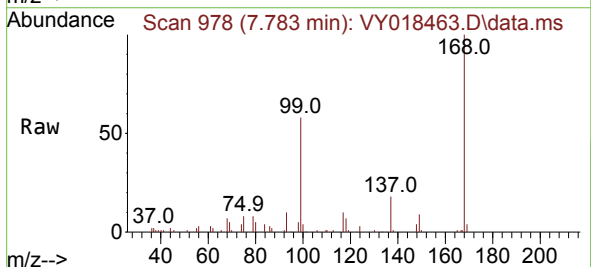


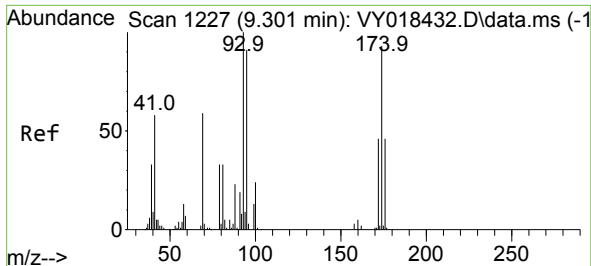
Tgt Ion: 75 Resp: 2369  
Ion Ratio Lower Upper  
75 100  
110 14.7 19.0 57.0#  
77 0.0 25.3 37.9#



#38  
Carbon Tetrachloride  
Concen: 2.980 ug/l  
RT: 7.783 min Scan# 978  
Delta R.T. -0.110 min  
Lab File: VY018463.D  
Acq: 04 Jun 2024 14:52

Tgt Ion: 117 Resp: 2982  
Ion Ratio Lower Upper  
117 100  
119 7.0 75.8 113.6#  
121 0.0 24.0 36.0#





#49

1,4-Dioxane

Concen: 9.510 ug/l

RT: 9.234 min Scan# 1216

Delta R.T. -0.067 min

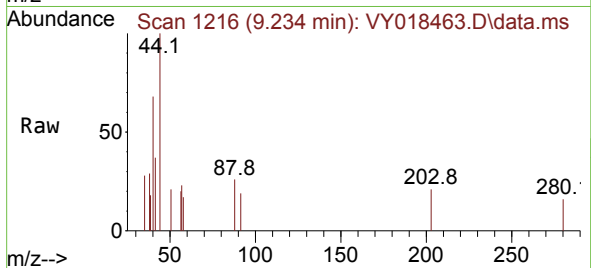
Lab File: VY018463.D

Acq: 04 Jun 2024 14:52

Instrument :

MSVOA\_Y

ClientSampleId :



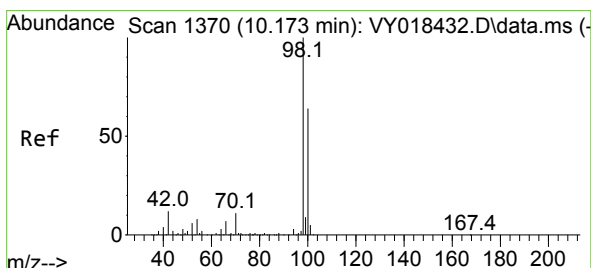
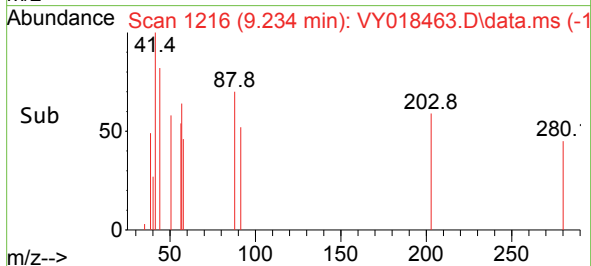
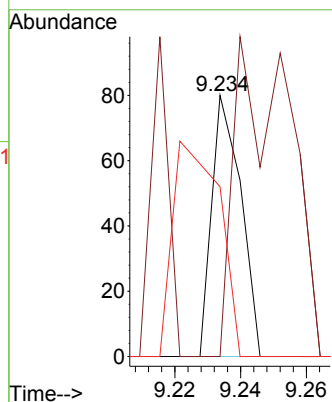
Tgt Ion: 88 Resp: 49

Ion Ratio Lower Upper

88 100

43 232.7 0.0 0.0#

58 0.0 49.3 73.9#



#50

Toluene-d8

Concen: 35.496 ug/l

RT: 10.173 min Scan# 1370

Delta R.T. -0.000 min

Lab File: VY018463.D

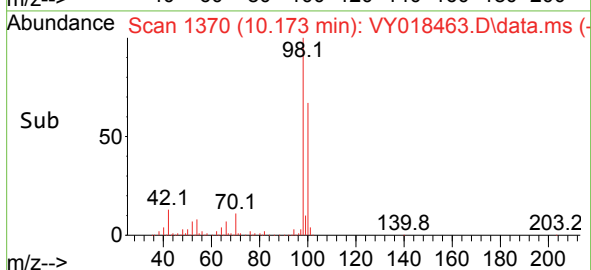
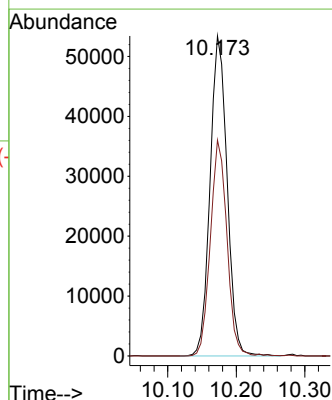
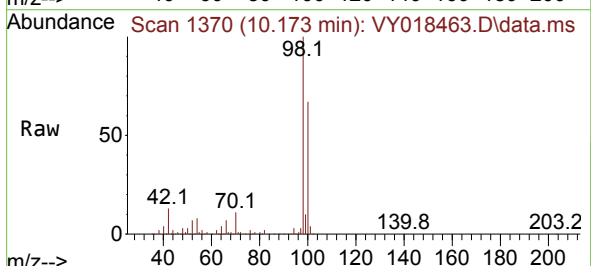
Acq: 04 Jun 2024 14:52

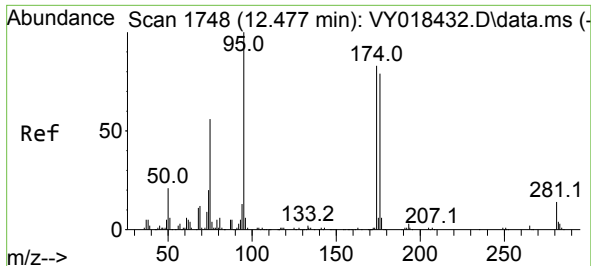
Tgt Ion: 98 Resp: 92491

Ion Ratio Lower Upper

98 100

100 65.5 52.0 78.0

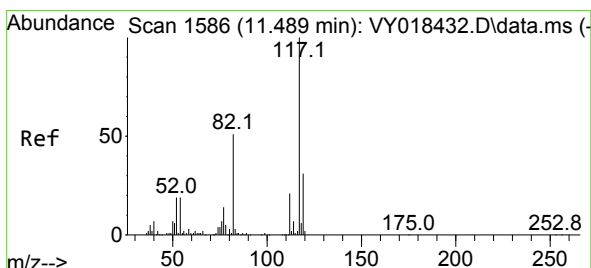
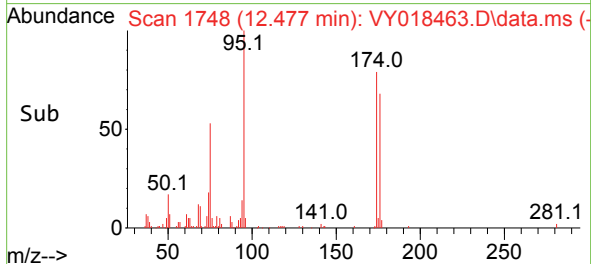
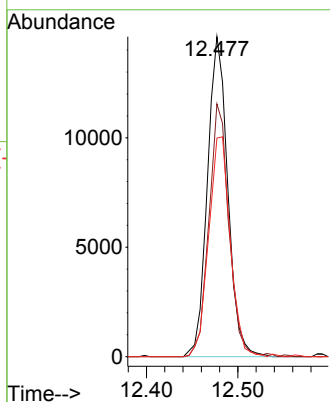
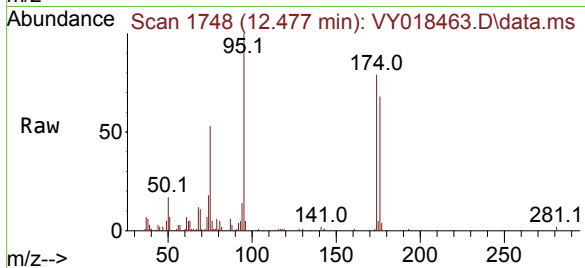




#62  
4-Bromofluorobenzene  
Concen: 27.765 ug/l  
RT: 12.477 min Scan# 1748  
Delta R.T. -0.000 min  
Lab File: VY018463.D  
Acq: 04 Jun 2024 14:52

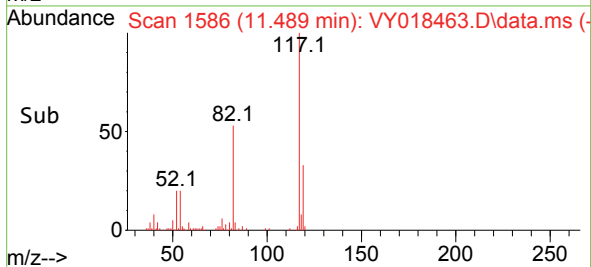
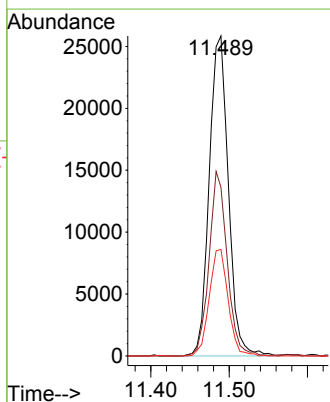
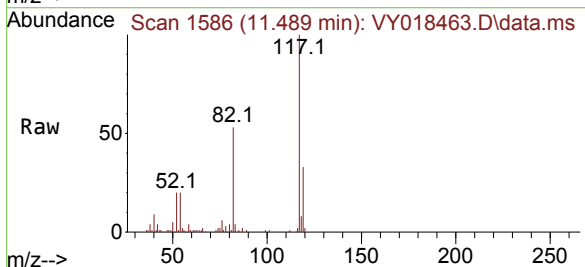
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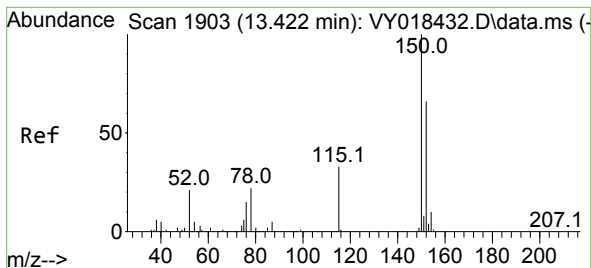
Tgt Ion: 95 Resp: 22525  
Ion Ratio Lower Upper  
95 100  
174 78.0 0.0 175.6  
176 73.1 0.0 171.4



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.489 min Scan# 1586  
Delta R.T. -0.000 min  
Lab File: VY018463.D  
Acq: 04 Jun 2024 14:52

Tgt Ion: 117 Resp: 43782  
Ion Ratio Lower Upper  
117 100  
82 52.7 42.4 63.6  
119 33.3 25.9 38.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.000 min

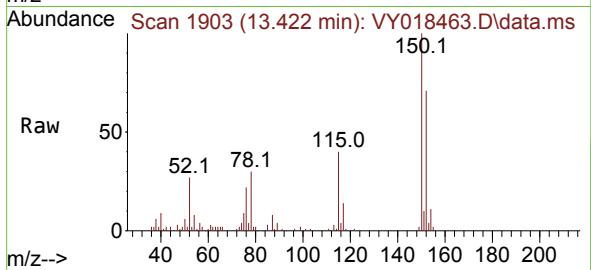
Lab File: VY018463.D

Acq: 04 Jun 2024 14:52

Instrument :

MSVOA\_Y

ClientSampleId :



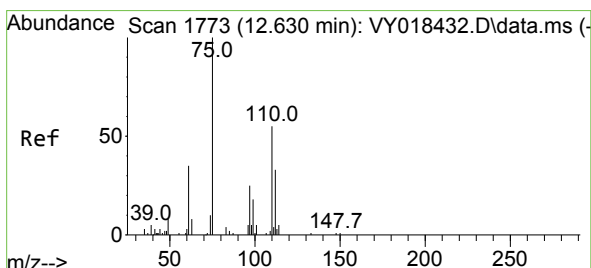
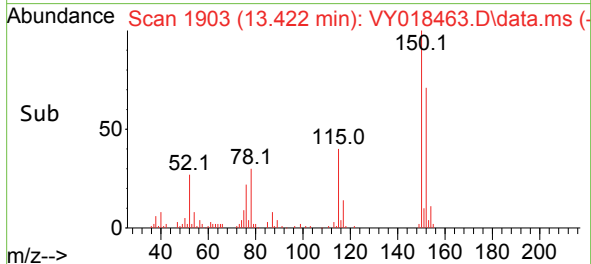
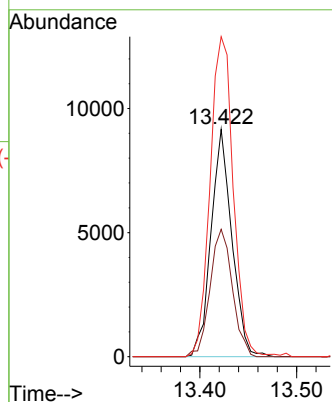
Tgt Ion:152 Resp: 13764

Ion Ratio Lower Upper

152 100

115 59.8 28.2 84.7

150 155.6 0.0 345.6



#76

1,2,3-Trichloropropane

Concen: 72.922 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.152 min

Lab File: VY018463.D

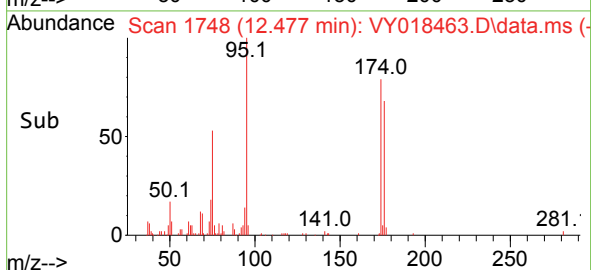
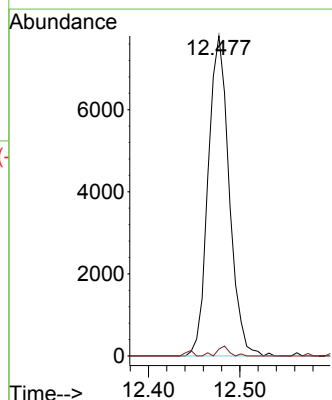
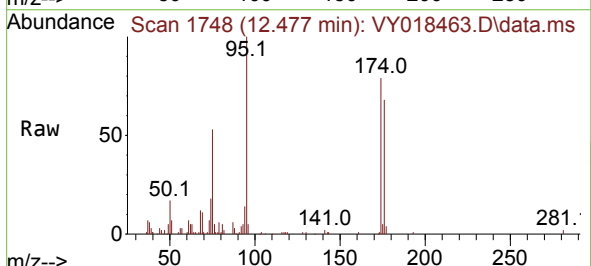
Acq: 04 Jun 2024 14:52

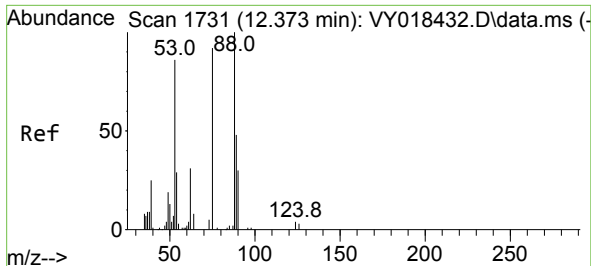
Tgt Ion: 75 Resp: 12446

Ion Ratio Lower Upper

75 100

77 1.8 0.0 0.0#

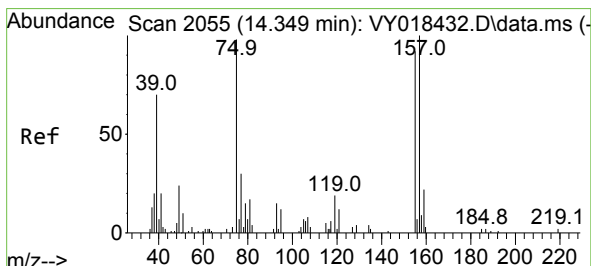
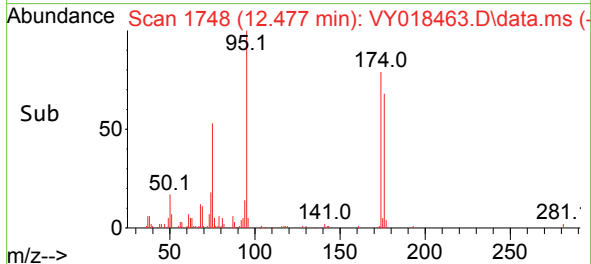
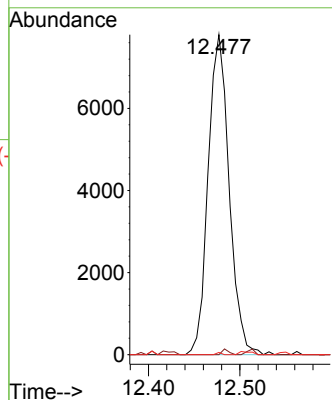
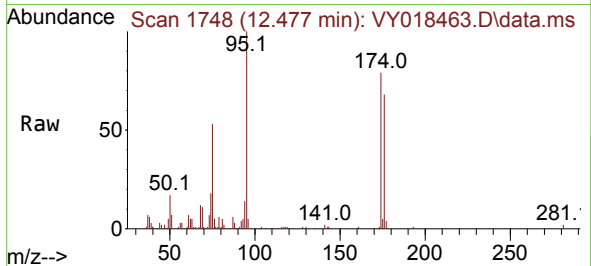




#81  
trans-1,4-Dichloro-2-butene  
Concen: 153.205 ug/l  
RT: 12.477 min Scan# 11  
Delta R.T. 0.104 min  
Lab File: VY018463.D  
Acq: 04 Jun 2024 14:52

Instrument :  
MSVOA\_Y  
ClientSampleId :

Tgt Ion: 75 Resp: 12446  
Ion Ratio Lower Upper  
75 100  
53 0.6 66.8 100.2#  
89 0.2 35.8 53.6#



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 1.025 ug/l  
RT: 14.458 min Scan# 2073  
Delta R.T. 0.110 min  
Lab File: VY018463.D  
Acq: 04 Jun 2024 14:52

Tgt Ion: 75 Resp: 39  
Ion Ratio Lower Upper  
75 100  
155 0.0 48.6 145.8#  
157 0.0 62.7 188.2#

