

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX092523\  
 Data File : VX037884.D  
 Acq On : 25 Sep 2023 10:11  
 Operator : JC/MD  
 Sample : VX0925WBL01  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :

Quant Time: Sep 26 06:55:50 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X091523W.M  
 Quant Title : SW846 8260  
 QLast Update : Sat Sep 16 04:55:44 2023  
 Response via : Initial Calibration

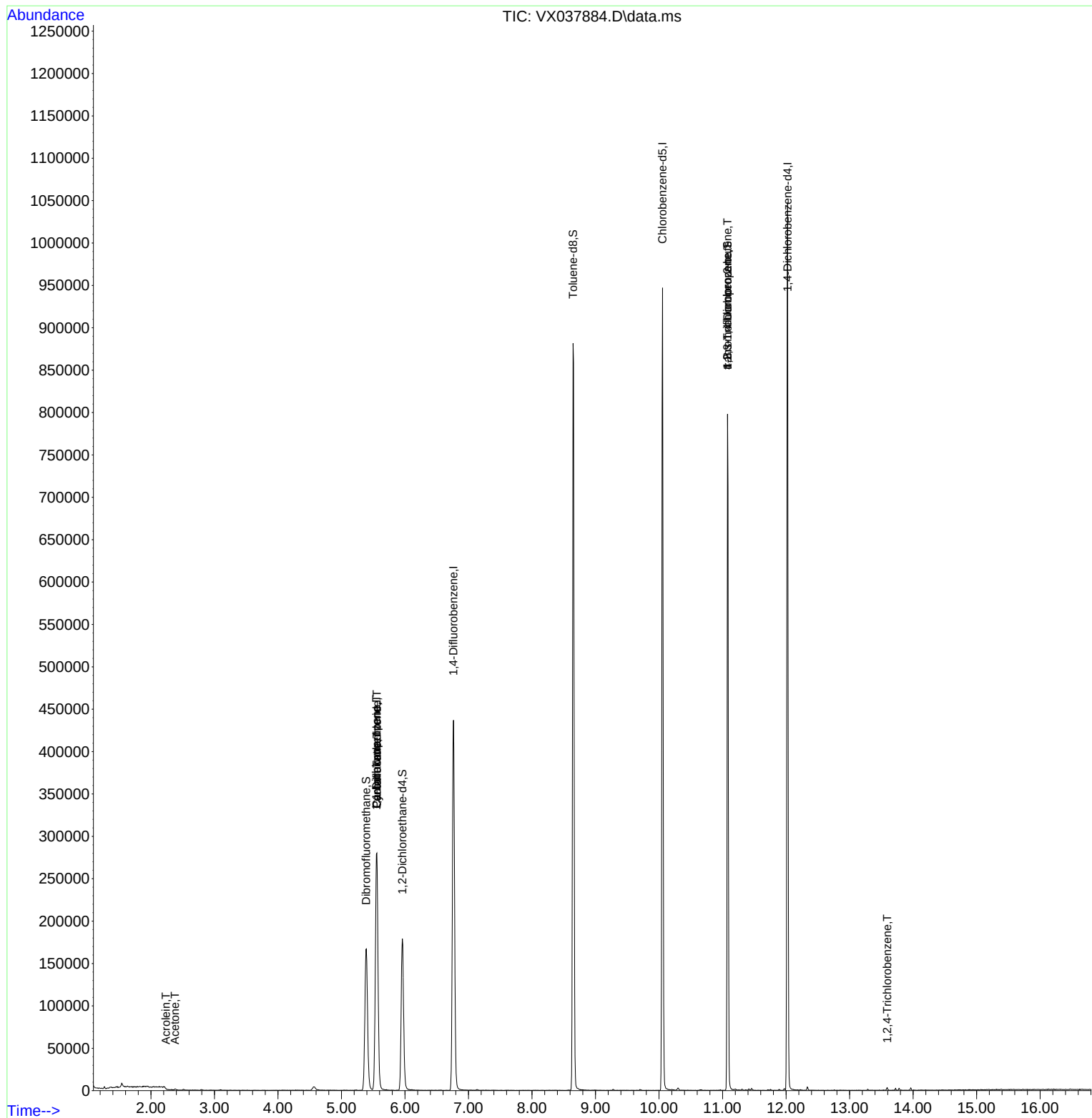
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) Pentafluorobenzene         | 5.556  | 168   | 277431   | 50.000   | ug/l   | # 0.00   |
| 34) 1,4-Difluorobenzene       | 6.763  | 114   | 459767   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5          | 10.055 | 117   | 429924   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4    | 12.024 | 152   | 222671   | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4     | 5.958  | 65    | 171431   | 47.032   | ug/l   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 78 - 117 | Recovery | =      | 94.060%  |
| 35) Dibromofluoromethane      | 5.385  | 113   | 149158   | 48.486   | ug/l   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 75 - 124 | Recovery | =      | 96.980%  |
| 50) Toluene-d8                | 8.647  | 98    | 546103   | 47.776   | ug/l   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 92 - 112 | Recovery | =      | 95.560%  |
| 62) 4-Bromofluorobenzene      | 11.079 | 95    | 203800   | 49.066   | ug/l   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 83 - 123 | Recovery | =      | 98.140%  |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 13) Acrolein                  | 2.233  | 56    | 399      | 0.516    | ug/l   | # 14     |
| 16) Acetone                   | 2.379  | 43    | 1370     | 0.781    | ug/l   | # 83     |
| 31) Cyclohexane               | 5.556  | 56    | 5981     | 1.278    | ug/l   | # 1      |
| 36) 1,1-Dichloropropene       | 5.550  | 75    | 21072    | 4.972    | ug/l   | # 50     |
| 38) Carbon Tetrachloride      | 5.556  | 117   | 27371    | 6.173    | ug/l   | # 14     |
| 76) 1,2,3-Trichloropropane    | 11.079 | 75    | 104216   | 20.236   | ug/l   | # 39     |
| 81) trans-1,4-Dichloro-2-b... | 11.079 | 75    | 104216   | 64.822   | ug/l   | # 5      |
| 93) 1,2,4-Trichlorobenzene    | 13.591 | 180   | 912      | 0.201    | ug/l   | 89       |
| -----                         |        |       |          |          |        |          |

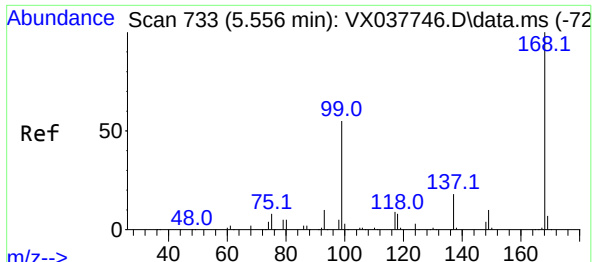
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX092523\  
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Sample : VX0925WBL01  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :

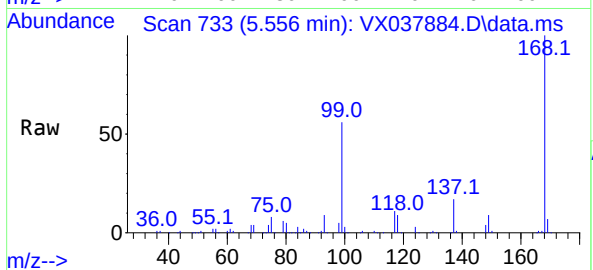
Quant Time: Sep 26 06:55:50 2023  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X091523W.M  
Quant Title : SW846 8260  
QLast Update : Sat Sep 16 04:55:44 2023  
Response via : Initial Calibration



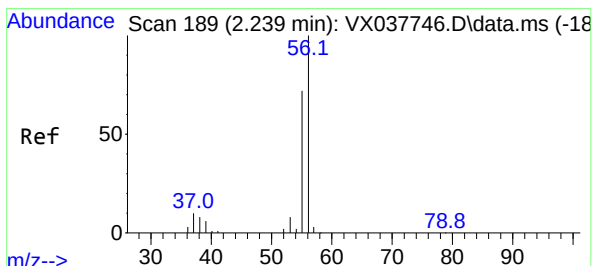
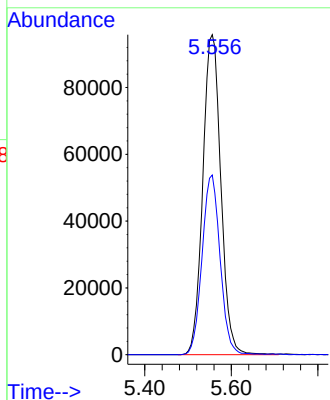
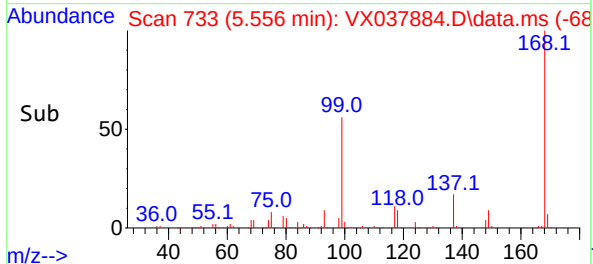


#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.556 min Scan# 71  
Delta R.T. 0.006 min  
Lab File: VX037884.D  
Acq: 25 Sep 2023 10:11

Instrument :  
MSVOA\_X  
ClientSampleId :

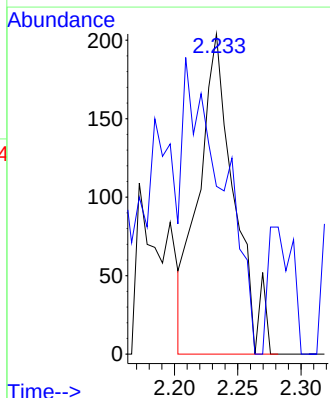
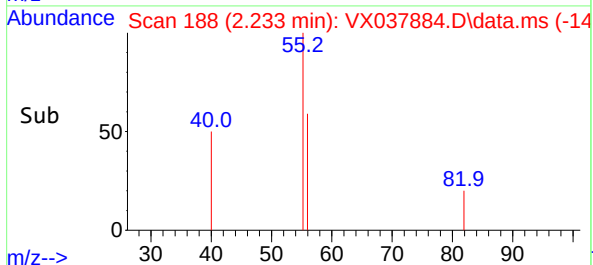
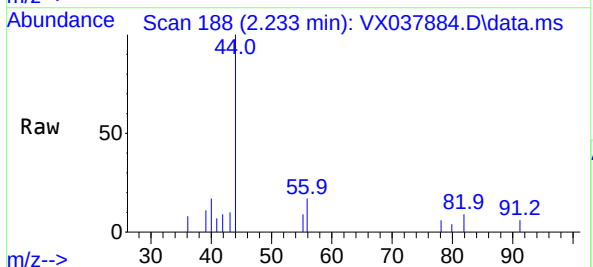


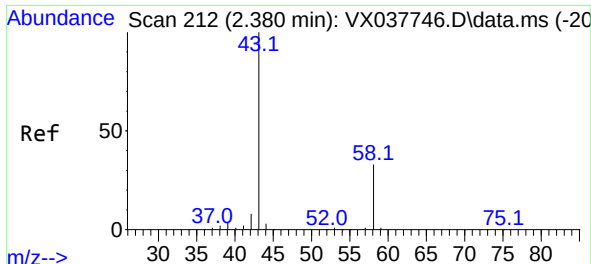
Tgt Ion:168 Resp: 277431  
Ion Ratio Lower Upper  
168 100  
99 56.2 56.6 85.0#



#13  
Acrolein  
Concen: 0.516 ug/l  
RT: 2.233 min Scan# 188  
Delta R.T. -0.006 min  
Lab File: VX037884.D  
Acq: 25 Sep 2023 10:11

Tgt Ion: 56 Resp: 399  
Ion Ratio Lower Upper  
56 100  
55 0.0 57.1 85.7#

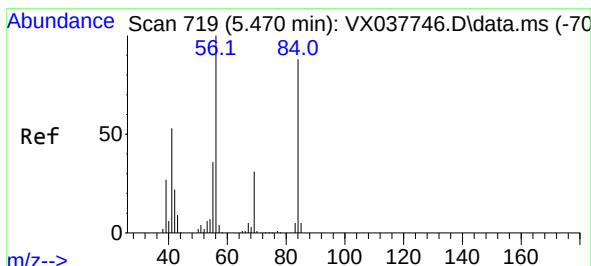
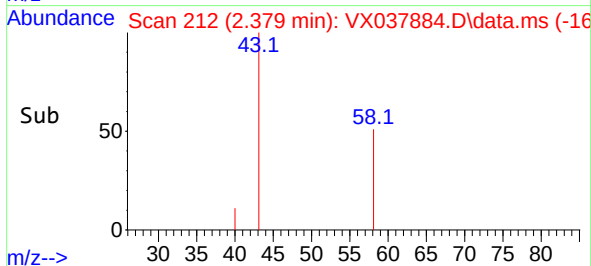
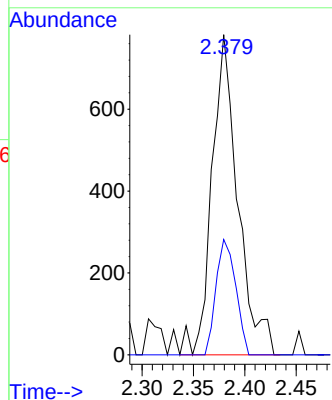
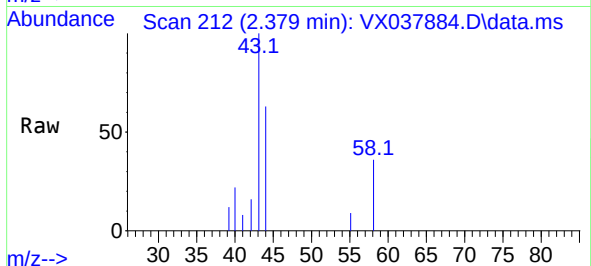




#16  
Acetone  
Concen: 0.781 ug/l  
RT: 2.379 min Scan# 212  
Delta R.T. -0.000 min  
Lab File: VX037884.D  
Acq: 25 Sep 2023 10:11

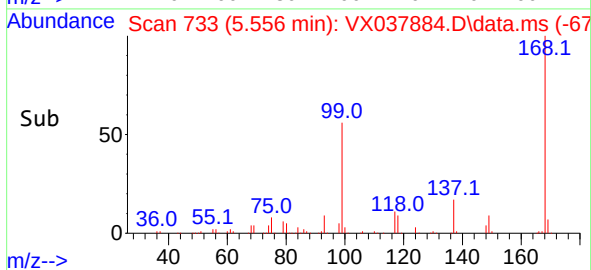
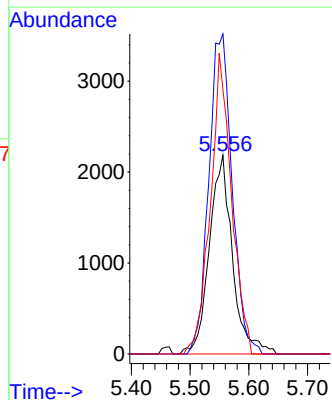
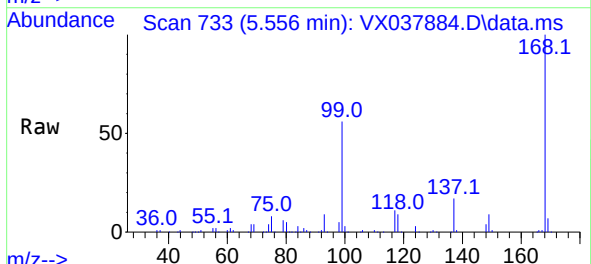
Instrument :  
MSVOA\_X  
ClientSampleId :

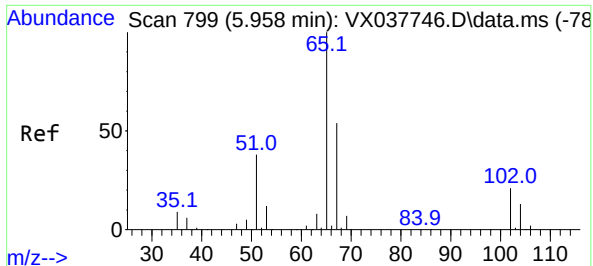
Tgt Ion: 43 Resp: 1370  
Ion Ratio Lower Upper  
43 100  
58 36.1 21.9 32.9#



#31  
Cyclohexane  
Concen: 1.278 ug/l  
RT: 5.556 min Scan# 733  
Delta R.T. 0.085 min  
Lab File: VX037884.D  
Acq: 25 Sep 2023 10:11

Tgt Ion: 56 Resp: 5981  
Ion Ratio Lower Upper  
56 100  
69 161.2 23.4 35.2#  
84 133.2 65.9 98.9#

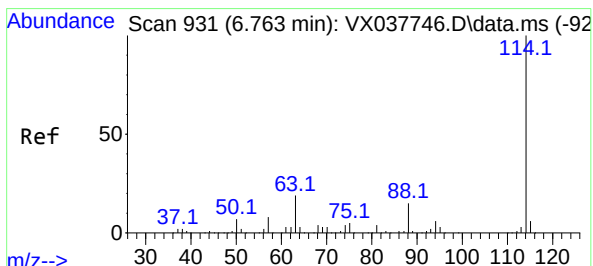
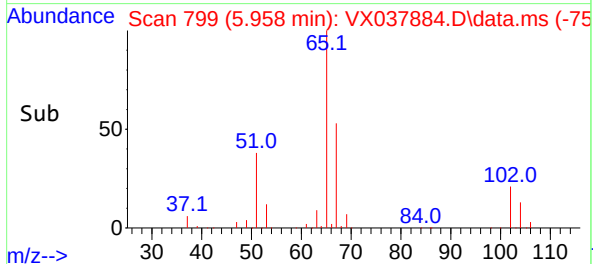
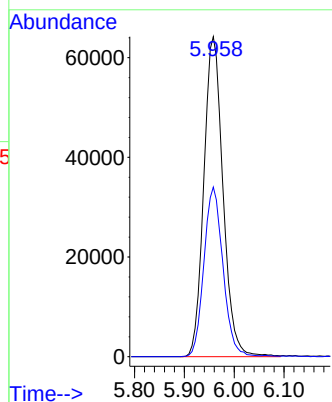
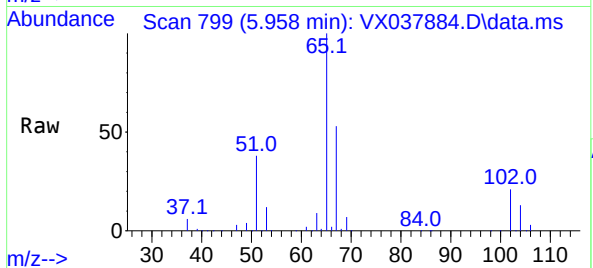




#33  
 1,2-Dichloroethane-d4  
 Concen: 47.032 ug/l  
 RT: 5.958 min Scan# 799  
 Delta R.T. -0.000 min  
 Lab File: VX037884.D  
 Acq: 25 Sep 2023 10:11

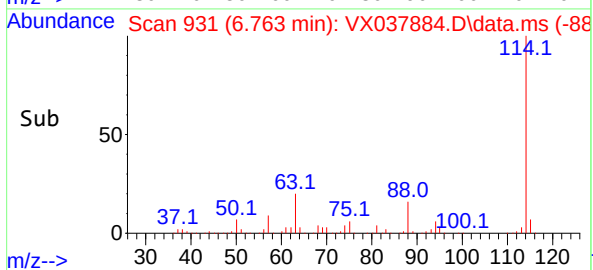
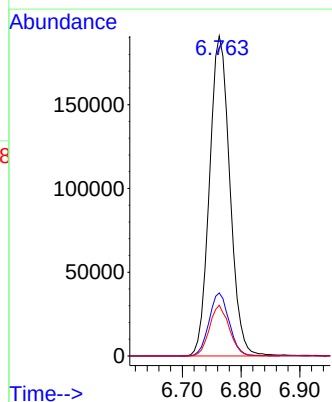
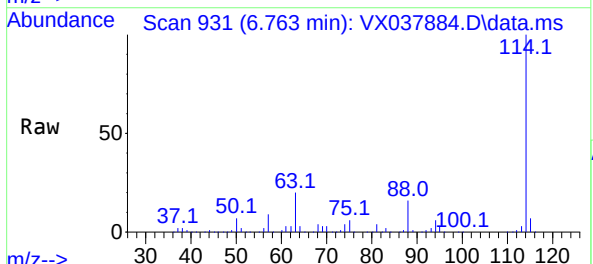
Instrument :  
 MSVOA\_X  
 ClientSampleId :

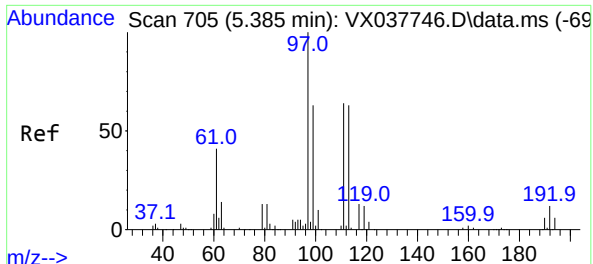
Tgt Ion: 65 Resp: 171431  
 Ion Ratio Lower Upper  
 65 100  
 67 52.6 0.0 100.2



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 6.763 min Scan# 931  
 Delta R.T. -0.000 min  
 Lab File: VX037884.D  
 Acq: 25 Sep 2023 10:11

Tgt Ion:114 Resp: 459767  
 Ion Ratio Lower Upper  
 114 100  
 63 19.7 0.0 45.0  
 88 15.9 0.0 36.6





#35

Dibromofluoromethane

Concen: 48.486 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.000 min

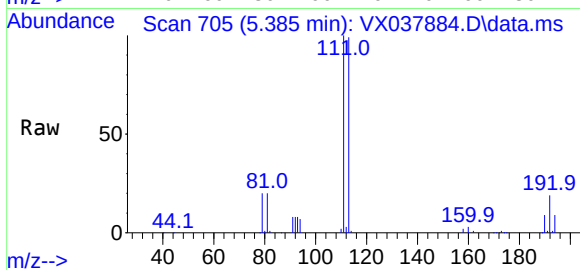
Lab File: VX037884.D

Acq: 25 Sep 2023 10:11

Instrument :

MSVOA\_X

ClientSampleId :



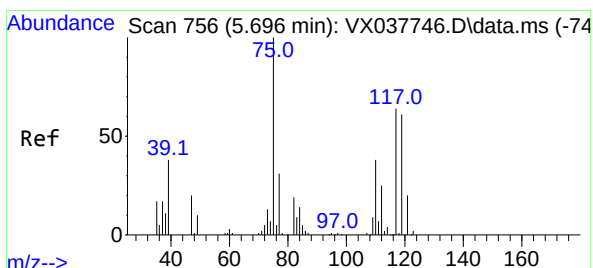
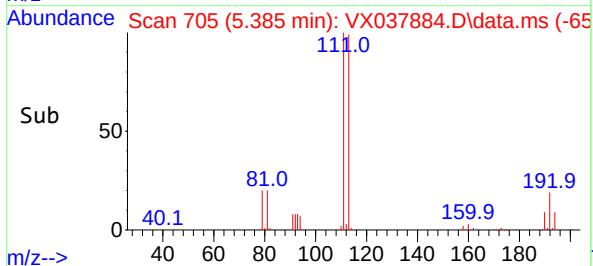
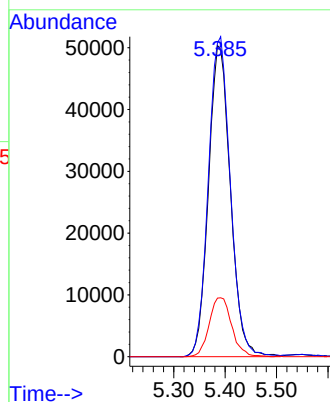
Tgt Ion:113 Resp: 149158

Ion Ratio Lower Upper

113 100

111 103.1 82.9 124.3

192 19.4 13.3 19.9



#36

1,1-Dichloropropene

Concen: 4.972 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.147 min

Lab File: VX037884.D

Acq: 25 Sep 2023 10:11

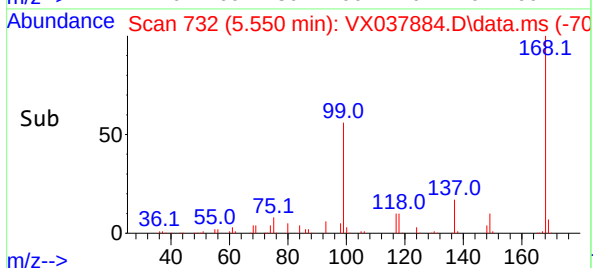
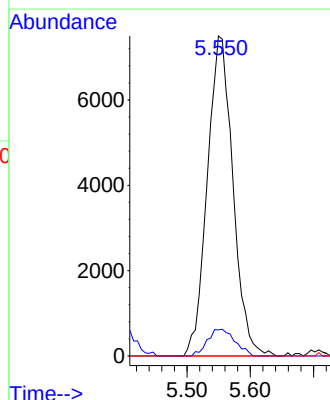
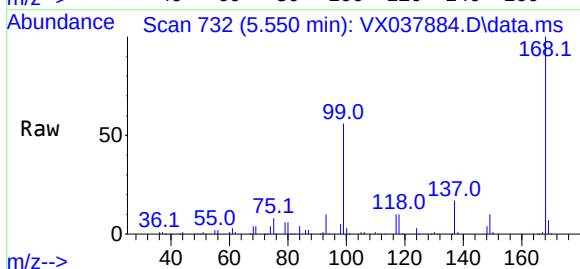
Tgt Ion: 75 Resp: 21072

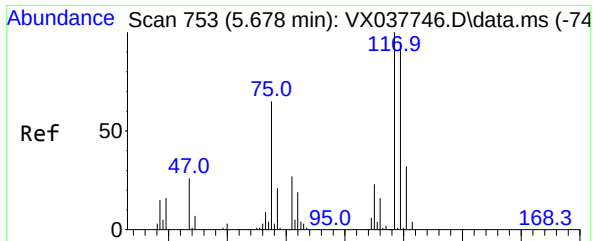
Ion Ratio Lower Upper

75 100

110 9.0 17.0 50.9#

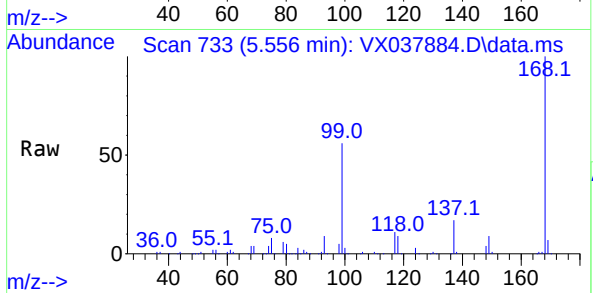
77 0.0 24.7 37.1#



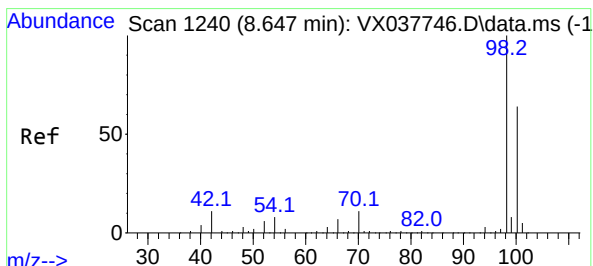
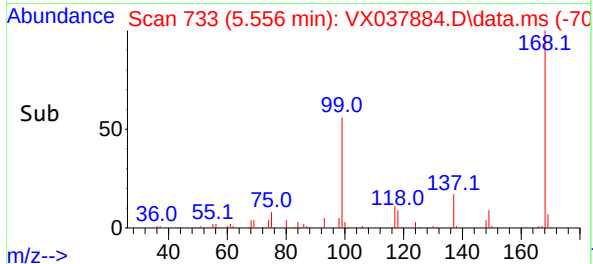
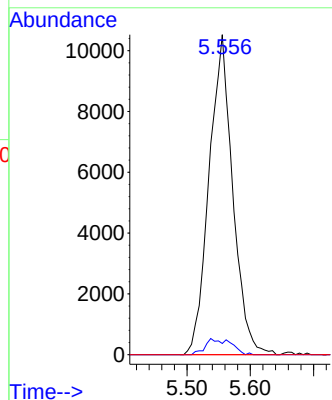


#38  
Carbon Tetrachloride  
Concen: 6.173 ug/l  
RT: 5.556 min Scan# 71  
Delta R.T. -0.122 min  
Lab File: VX037884.D  
Acq: 25 Sep 2023 10:11

Instrument :  
MSVOA\_X  
ClientSampleId :

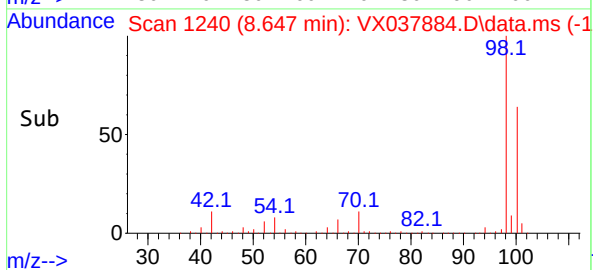
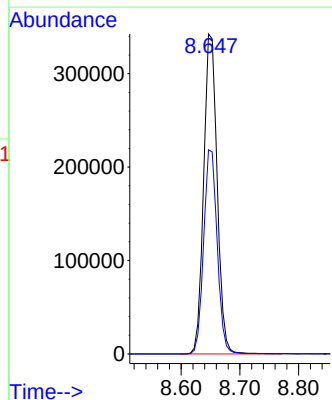
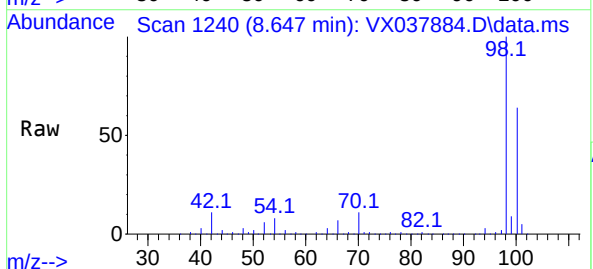


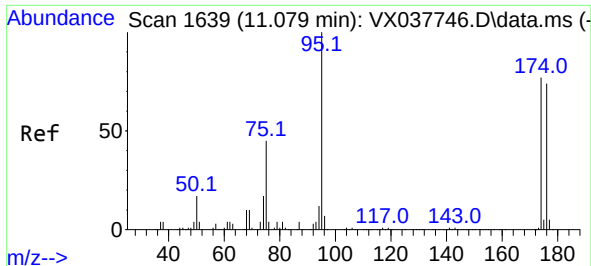
Tgt Ion:117 Resp: 27371  
Ion Ratio Lower Upper  
117 100  
119 3.5 78.2 117.2#  
121 0.0 24.4 36.6#



#50  
Toluene-d8  
Concen: 47.776 ug/l  
RT: 8.647 min Scan# 1240  
Delta R.T. -0.000 min  
Lab File: VX037884.D  
Acq: 25 Sep 2023 10:11

Tgt Ion: 98 Resp: 546103  
Ion Ratio Lower Upper  
98 100  
100 64.1 53.1 79.7

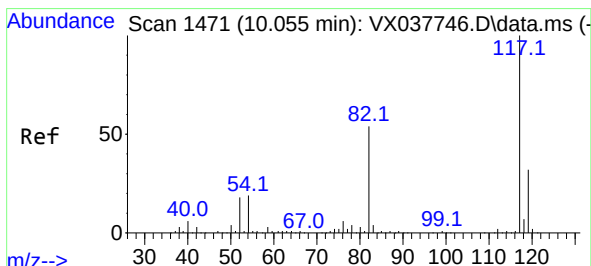
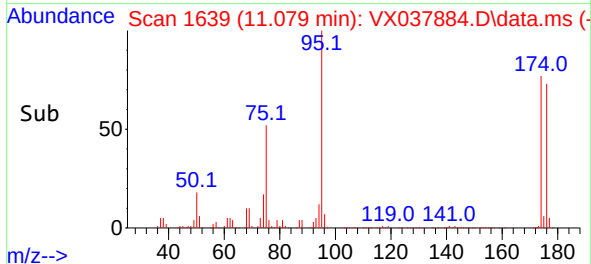
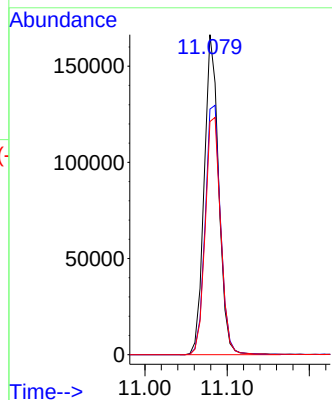
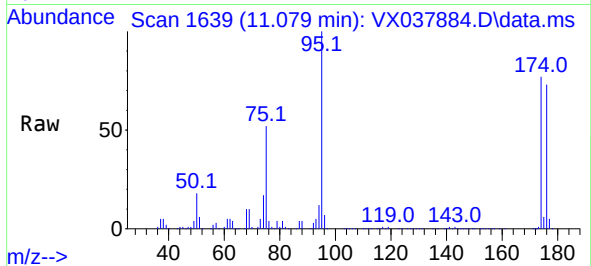




#62  
4-Bromofluorobenzene  
Concen: 49.066 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. -0.000 min  
Lab File: VX037884.D  
Acq: 25 Sep 2023 10:11

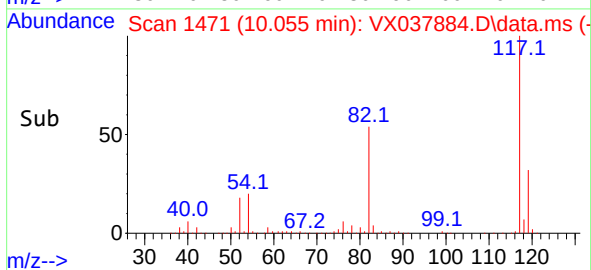
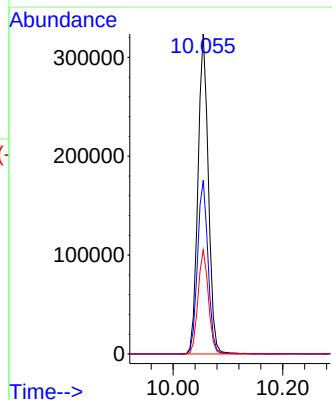
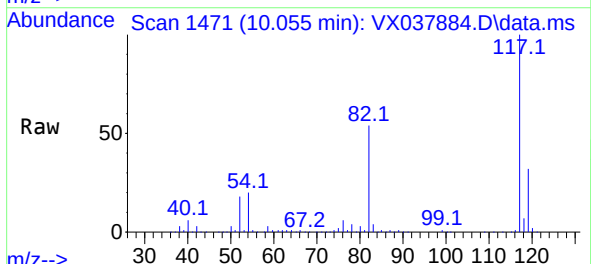
Instrument :  
MSVOA\_X  
ClientSampleId :

Tgt Ion: 95 Resp: 203800  
Ion Ratio Lower Upper  
95 100  
174 82.8 0.0 135.6  
176 79.1 0.0 131.0

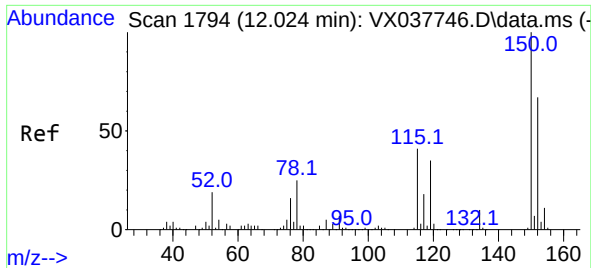


#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. -0.000 min  
Lab File: VX037884.D  
Acq: 25 Sep 2023 10:11

Tgt Ion: 117 Resp: 429924  
Ion Ratio Lower Upper  
117 100  
82 54.3 46.2 69.4  
119 32.5 25.5 38.3



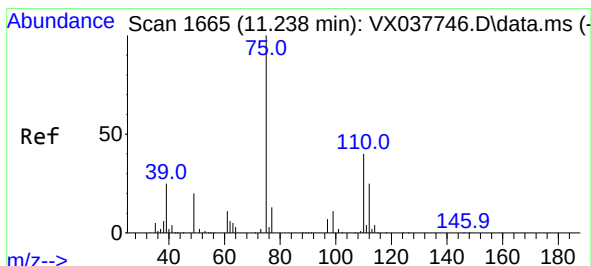
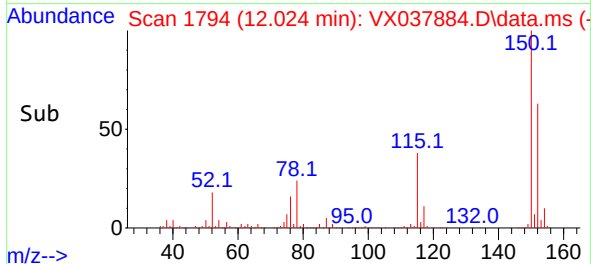
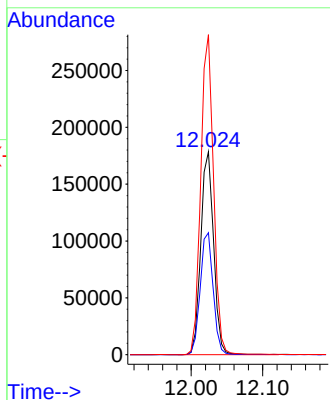
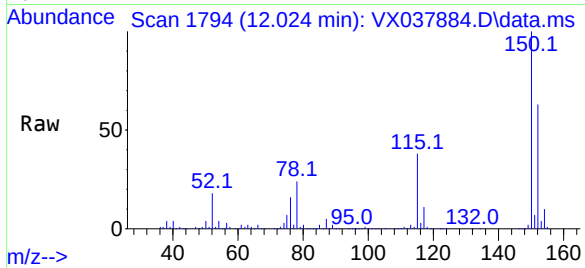




#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.024 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VX037884.D  
Acq: 25 Sep 2023 10:11

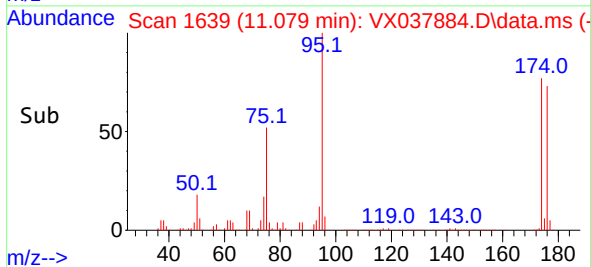
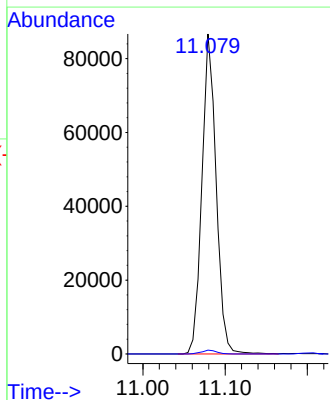
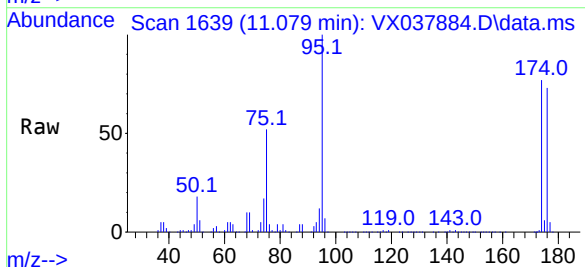
Instrument :  
MSVOA\_X  
ClientSampleId :

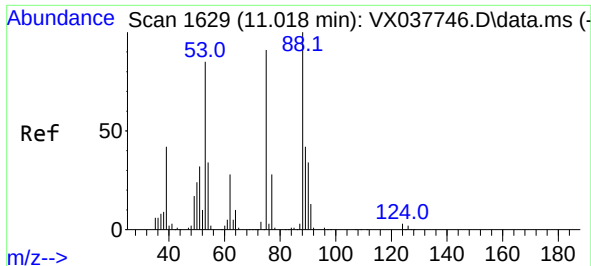
Tgt Ion:152 Resp: 222671  
Ion Ratio Lower Upper  
152 100  
115 60.6 43.3 129.9  
150 157.3 0.0 345.0



#76  
1,2,3-Trichloropropane  
Concen: 20.236 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. -0.159 min  
Lab File: VX037884.D  
Acq: 25 Sep 2023 10:11

Tgt Ion: 75 Resp: 104216  
Ion Ratio Lower Upper  
75 100  
77 1.3 19.1 57.5#

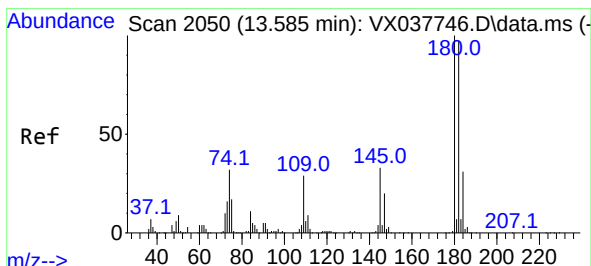
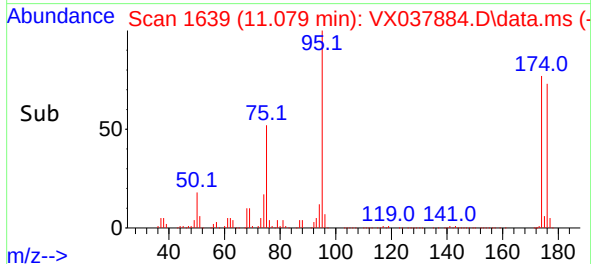
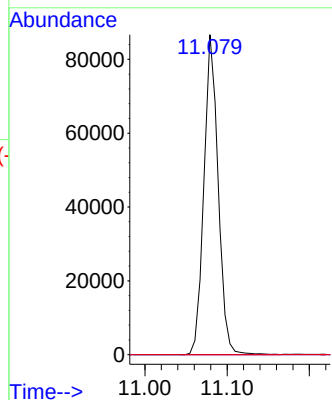
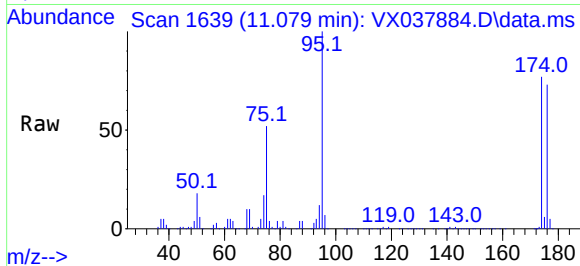




#81  
trans-1,4-Dichloro-2-butene  
Concen: 64.822 ug/l  
RT: 11.079 min Scan# 1  
Delta R.T. 0.061 min  
Lab File: VX037884.D  
Acq: 25 Sep 2023 10:11

Instrument :  
MSVOA\_X  
ClientSampleId :

Tgt Ion: 75 Resp: 104216  
Ion Ratio Lower Upper  
75 100  
53 0.0 90.5 135.7#  
89 0.0 36.9 55.3#



#93  
1,2,4-Trichlorobenzene  
Concen: 0.201 ug/l  
RT: 13.591 min Scan# 2051  
Delta R.T. -0.000 min  
Lab File: VX037884.D  
Acq: 25 Sep 2023 10:11

Tgt Ion:180 Resp: 912  
Ion Ratio Lower Upper  
180 100  
182 106.4 48.3 144.8  
145 28.4 18.0 54.0

