

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW091721\  
 Data File : VW020051.D  
 Acq On : 17 Sep 2021 09:41  
 Operator : SY/VA  
 Sample : VW0917SBL06  
 Misc : 5.00g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :

Quant Time: Sep 18 01:00:46 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM091421SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Sat Sep 18 00:59:27 2021  
 Response via : Initial Calibration

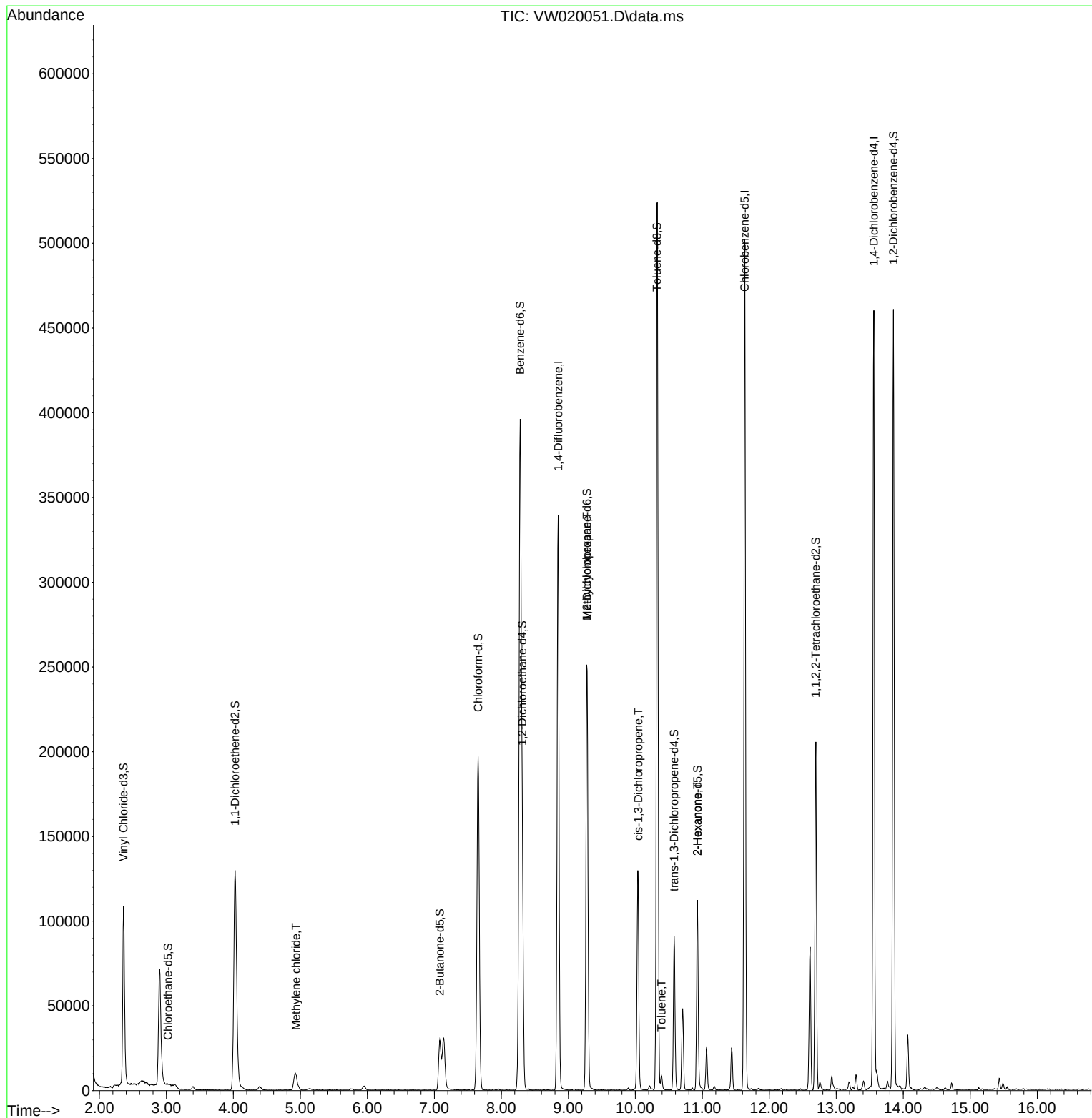
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 8.848  | 114   | 269326   | 25.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 11.634 | 117   | 258754   | 25.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.560 | 152   | 116240   | 25.000   | ug/L   | 0.00     |
|                               |        |       |          |          |        |          |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 2.361  | 65    | 120954   | 27.267   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 109.080% |
| 7) Chloroethane-d5            | 3.026  | 69    | 241      | 0.063    | ug/L   | 0.13     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 0.240%#  |
| 11) 1,1-Dichloroethene-d2     | 4.026  | 63    | 142769   | 19.690   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =      | 78.760%  |
| 21) 2-Butanone-d5             | 7.080  | 46    | 48437    | 39.914   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 79.820%  |
| 24) Chloroform-d              | 7.653  | 84    | 200761   | 27.053   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =      | 108.200% |
| 26) 1,2-Dichloroethane-d4     | 8.311  | 65    | 117558   | 26.891   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =      | 107.560% |
| 32) Benzene-d6                | 8.281  | 84    | 381204   | 27.002   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =      | 108.000% |
| 36) 1,2-Dichloropropane-d6    | 9.275  | 67    | 113976   | 27.219   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =      | 108.880% |
| 41) Toluene-d8                | 10.323 | 98    | 342576   | 25.887   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =      | 103.560% |
| 43) trans-1,3-Dichloroprop... | 10.579 | 79    | 49114    | 25.498   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =      | 102.000% |
| 47) 2-Hexanone-d5             | 10.927 | 63    | 34681    | 40.541   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 81.080%  |
| 56) 1,1,2,2-Tetrachloroeth... | 12.695 | 84    | 97564    | 23.683   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =      | 94.720%  |
| 66) 1,2-Dichlorobenzene-d4    | 13.853 | 152   | 115337   | 29.115   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =      | 116.480% |
|                               |        |       |          |          |        |          |
| Target Compounds              |        |       |          |          |        | Qvalue   |
| 16) Methylene chloride        | 4.934  | 84    | 8543     | 1.800    | ug/L   | 84       |
| 35) Methylcyclohexane         | 9.275  | 83    | 28788    | 4.139    | ug/L # | 20       |
| 39) cis-1,3-Dichloropropene   | 10.043 | 75    | 3731     | 0.656    | ug/L # | 69       |
| 42) Toluene                   | 10.390 | 91    | 5748     | 0.346    | ug/L   | 89       |
| 48) 2-Hexanone                | 10.927 | 43    | 4864     | 2.523    | ug/L # | 69       |
| -----                         |        |       |          |          |        |          |

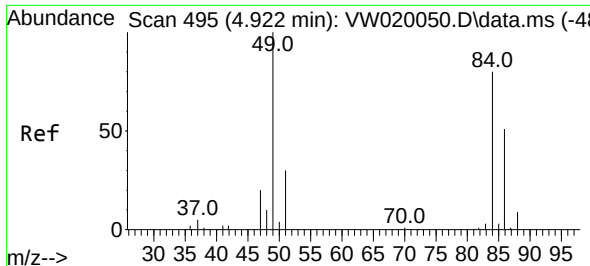
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW091721\  
Data File : VW020051.D  
Acq On : 17 Sep 2021 09:41  
Operator : SY/VA  
Sample : VW0917SBL06  
Misc : 5.00g/10mL/MSVOA\_W/SOIL  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :

Quant Time: Sep 18 01:00:46 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM091421SMA.M  
Quant Title : SFAM01.0  
QLast Update : Sat Sep 18 00:59:27 2021  
Response via : Initial Calibration

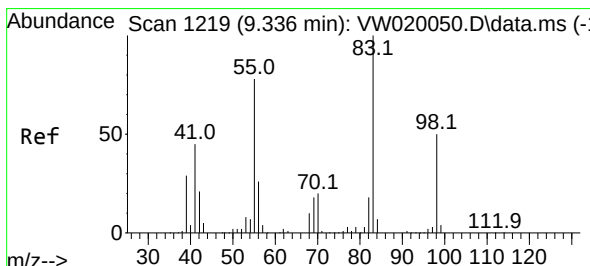
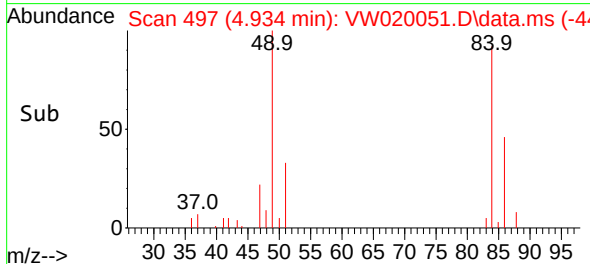
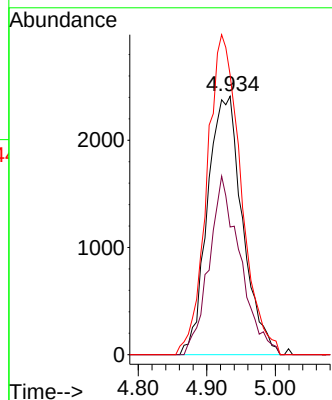
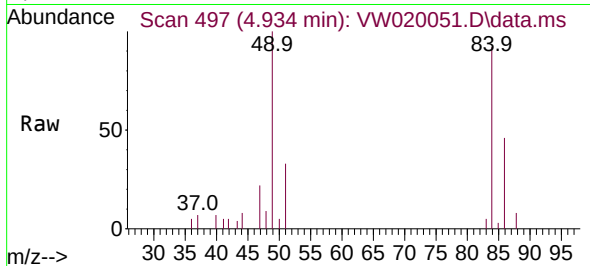




#16  
Methylene chloride  
Concen: 1.800 ug/L  
RT: 4.934 min Scan# 497  
Delta R.T. 0.012 min  
Lab File: VW020051.D  
Acq: 17 Sep 2021 09:41

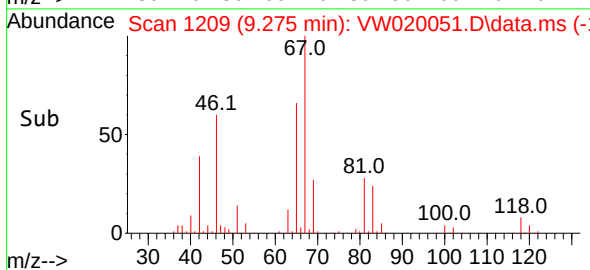
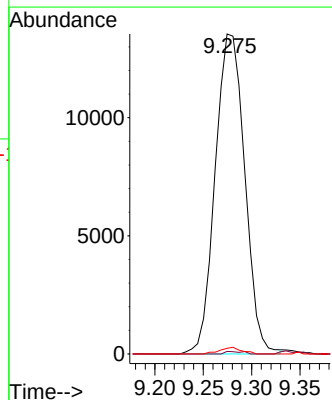
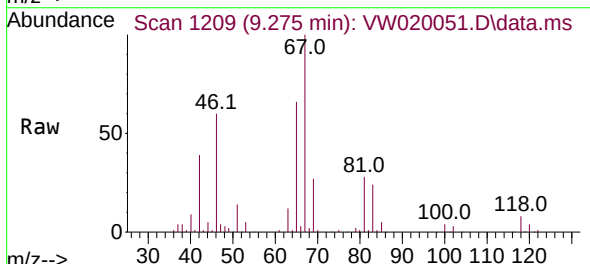
Instrument :  
MSVOA\_W  
ClientSampled :

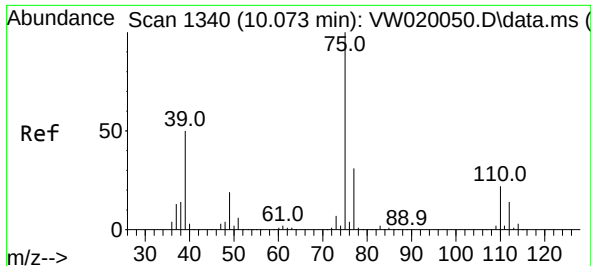
Tgt Ion: 84 Resp: 8543  
Ion Ratio Lower Upper  
84 100  
86 49.4 45.3 84.1  
49 108.3 86.6 160.8



#35  
Methylcyclohexane  
Concen: 4.139 ug/L  
RT: 9.275 min Scan# 1209  
Delta R.T. -0.061 min  
Lab File: VW020051.D  
Acq: 17 Sep 2021 09:41

Tgt Ion: 83 Resp: 28788  
Ion Ratio Lower Upper  
83 100  
55 0.3 58.9 88.3#  
98 1.5 40.1 60.1#



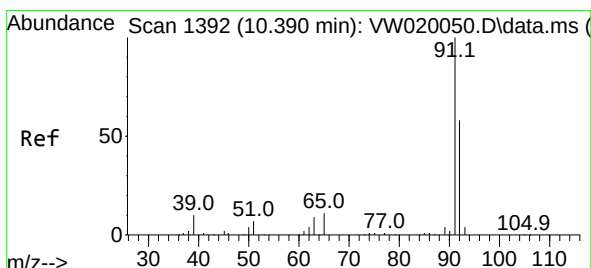
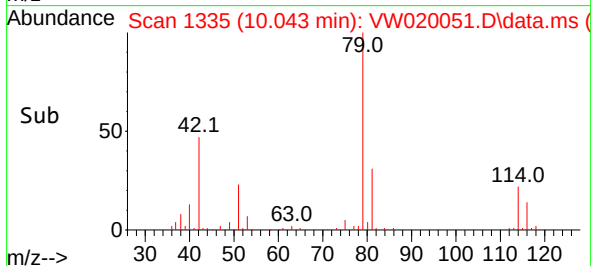
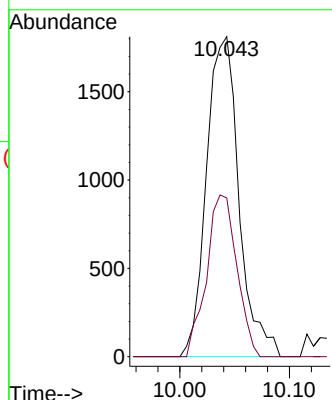
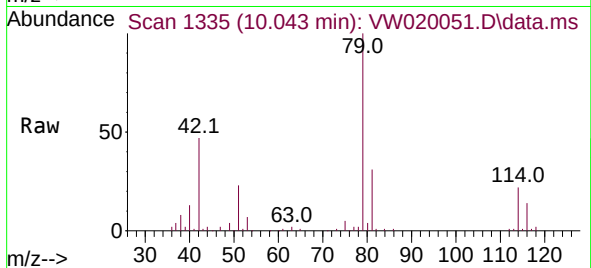


#39

cis-1,3-Dichloropropene  
 Concen: 0.656 ug/L  
 RT: 10.043 min Scan# 1335  
 Delta R.T. -0.030 min  
 Lab File: VW020051.D  
 Acq: 17 Sep 2021 09:41

Instrument :  
 MSVOA\_W  
 ClientSampled :

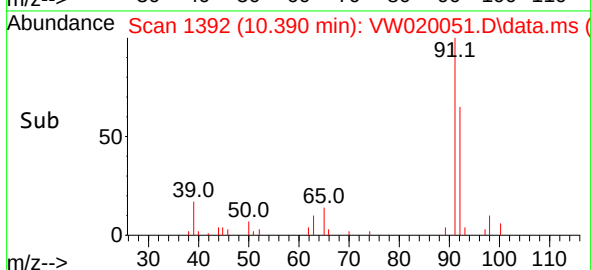
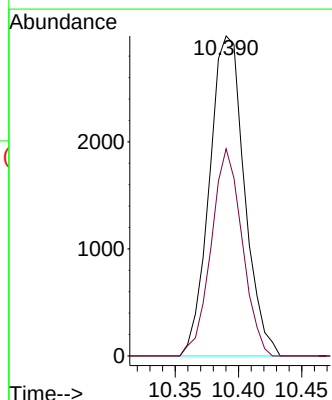
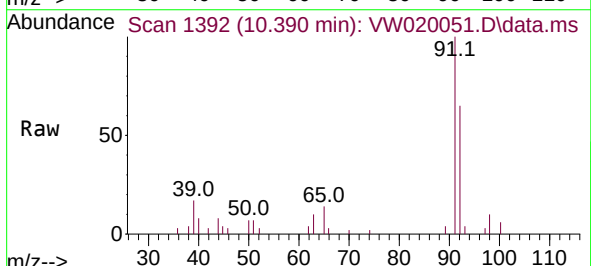
Tgt Ion: 75 Resp: 3731  
 Ion Ratio Lower Upper  
 75 100  
 77 49.6 22.6 42.0#

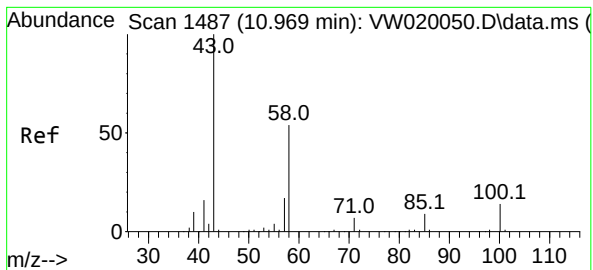


#42

Toluene  
 Concen: 0.346 ug/L  
 RT: 10.390 min Scan# 1392  
 Delta R.T. 0.000 min  
 Lab File: VW020051.D  
 Acq: 17 Sep 2021 09:41

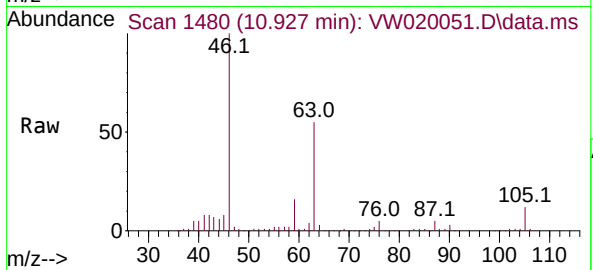
Tgt Ion: 91 Resp: 5748  
 Ion Ratio Lower Upper  
 91 100  
 92 64.7 39.5 73.3





#48  
 2-Hexanone  
 Concen: 2.523 ug/L  
 RT: 10.927 min Scan# 1480  
 Delta R.T. -0.043 min  
 Lab File: VW020051.D  
 Acq: 17 Sep 2021 09:41

Instrument :  
 MSVOA\_W  
 ClientSampled :



|             |             |
|-------------|-------------|
| Tgt Ion: 43 | Resp: 4864  |
| Ion Ratio   | Lower Upper |
| 43 100      |             |
| 58 30.8     | 42.7 64.1#  |
| 57 35.2     | 15.8 23.8#  |
| 100 3.1     | 10.0 15.0#  |

