

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD121224\  
 Data File : VD080148.D  
 Acq On : 12 Dec 2024 17:07  
 Operator : RP/MD  
 Sample : P5155-07  
 Misc : 5.25G/10ml/MSVOA\_D/SOIL/B  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :

Quant Time: Dec 13 02:03:44 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\SFAMDLM121124SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Fri Dec 13 02:01:12 2024  
 Response via : Initial Calibration

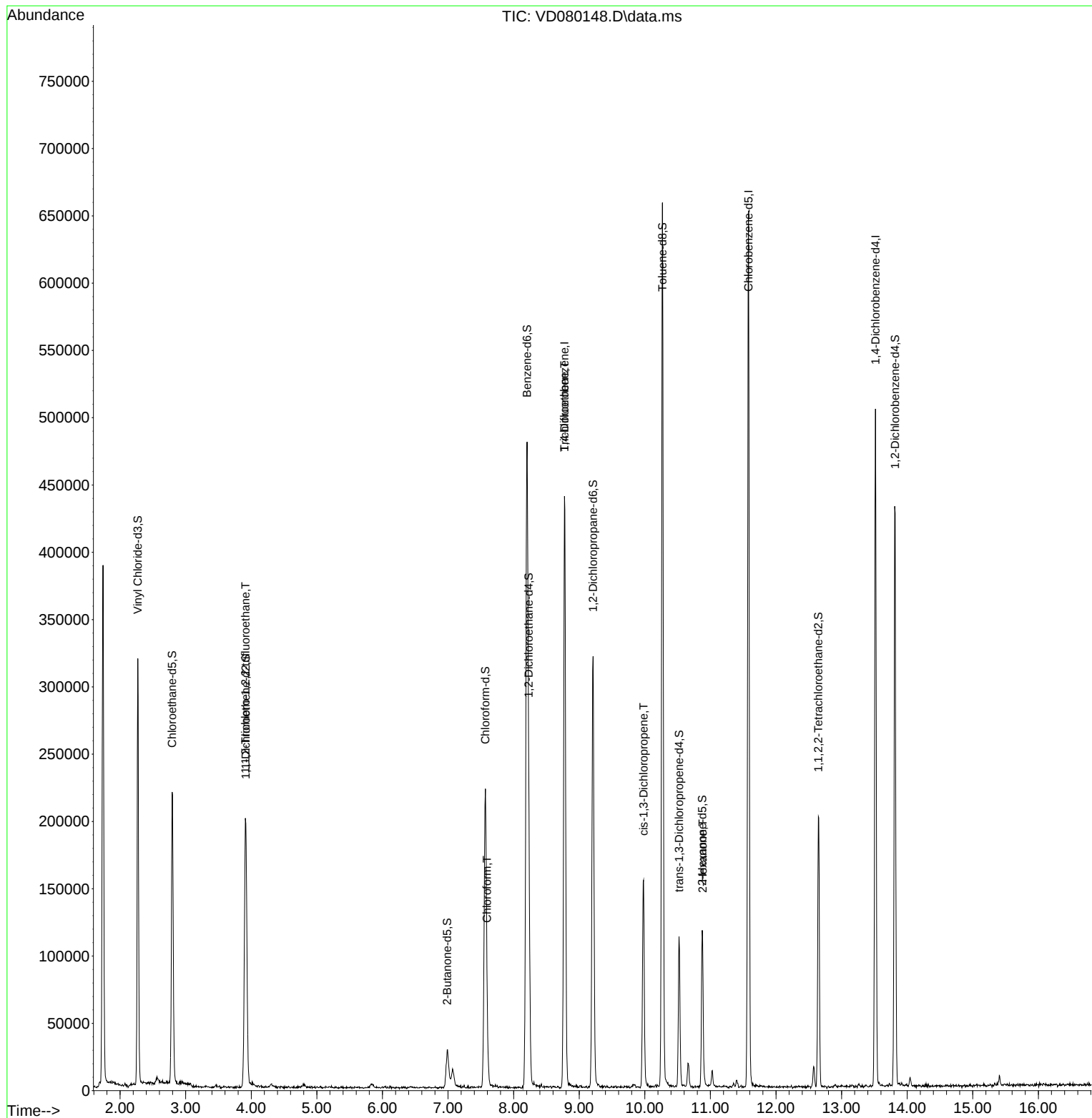
| Compound                      | R.T.   | QIon           | Response | Conc   | Units     | Dev(Min) |
|-------------------------------|--------|----------------|----------|--------|-----------|----------|
| Internal Standards            |        |                |          |        |           |          |
| 1) 1,4-Difluorobenzene        | 8.775  | 114            | 380651   | 25.000 | ug/L      | 0.00     |
| 28) Chlorobenzene-d5          | 11.581 | 117            | 354778   | 25.000 | ug/L      | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.516 | 152            | 134177   | 25.000 | ug/L      | 0.00     |
| System Monitoring Compounds   |        |                |          |        |           |          |
| 4) Vinyl Chloride-d3          | 2.270  | 65             | 294658   | 48.570 | ug/L      | 0.00     |
| Spiked Amount                 | 25.000 | Range 30 - 150 | Recovery | =      | 194.280%# |          |
| 7) Chloroethane-d5            | 2.793  | 69             | 229697   | 42.459 | ug/L      | 0.00     |
| Spiked Amount                 | 25.000 | Range 30 - 150 | Recovery | =      | 169.840%# |          |
| 11) 1,1-Dichloroethene-d2     | 3.917  | 65             | 59852    | 25.703 | ug/L      | 0.00     |
| Spiked Amount                 | 25.000 | Range 45 - 110 | Recovery | =      | 102.800%  |          |
| 21) 2-Butanone-d5             | 6.987  | 46             | 47861    | 35.332 | ug/L      | 0.00     |
| Spiked Amount                 | 50.000 | Range 20 - 135 | Recovery | =      | 70.660%   |          |
| 24) Chloroform-d              | 7.569  | 84             | 226790   | 21.579 | ug/L      | 0.00     |
| Spiked Amount                 | 25.000 | Range 40 - 150 | Recovery | =      | 86.320%   |          |
| 26) 1,2-Dichloroethane-d4     | 8.228  | 65             | 129918   | 23.359 | ug/L      | 0.00     |
| Spiked Amount                 | 25.000 | Range 70 - 130 | Recovery | =      | 93.440%   |          |
| 32) Benzene-d6                | 8.205  | 84             | 482996   | 22.911 | ug/L      | 0.00     |
| Spiked Amount                 | 25.000 | Range 20 - 135 | Recovery | =      | 91.640%   |          |
| 36) 1,2-Dichloropropane-d6    | 9.210  | 67             | 162195   | 22.659 | ug/L      | 0.00     |
| Spiked Amount                 | 25.000 | Range 70 - 120 | Recovery | =      | 90.640%   |          |
| 41) Toluene-d8                | 10.269 | 98             | 442412   | 22.213 | ug/L      | 0.00     |
| Spiked Amount                 | 25.000 | Range 30 - 130 | Recovery | =      | 88.840%   |          |
| 43) trans-1,3-Dichloroprop... | 10.522 | 79             | 61664    | 21.040 | ug/L      | 0.00     |
| Spiked Amount                 | 25.000 | Range 30 - 135 | Recovery | =      | 84.160%   |          |
| 47) 2-Hexanone-d5             | 10.875 | 63             | 38403    | 35.474 | ug/L      | 0.00     |
| Spiked Amount                 | 50.000 | Range 20 - 135 | Recovery | =      | 70.940%   |          |
| 56) 1,1,2,2-Tetrachloroeth... | 12.645 | 84             | 107280   | 17.513 | ug/L      | 0.00     |
| Spiked Amount                 | 25.000 | Range 45 - 120 | Recovery | =      | 70.040%   |          |
| 66) 1,2-Dichlorobenzene-d4    | 13.816 | 152            | 116821   | 24.114 | ug/L      | 0.00     |
| Spiked Amount                 | 25.000 | Range 75 - 120 | Recovery | =      | 96.440%   |          |
| Target Compounds              |        |                |          |        |           |          |
| 10) 1,1,2-Trichloro-1,2,2-... | 3.911  | 101            | 1840     | 0.279  | ug/L #    | 19       |
| 25) Chloroform                | 7.593  | 83             | 23898    | 1.902  | ug/L      | 89       |
| 34) Trichloroethene           | 8.775  | 95             | 10912    | 1.567  | ug/L #    | 5        |
| 39) cis-1,3-Dichloropropene   | 9.981  | 75             | 4201     | 0.401  | ug/L #    | 75       |
| 48) 2-Hexanone                | 10.881 | 43             | 5597     | 1.688  | ug/L #    | 70       |

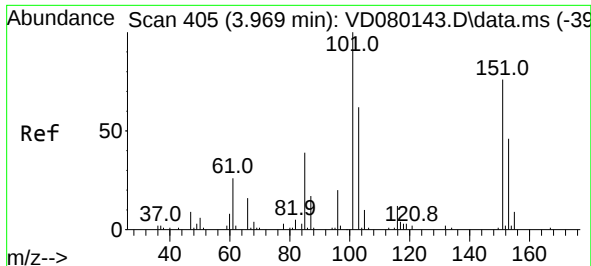
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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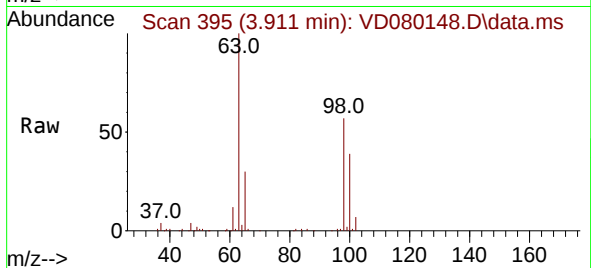
Quant Time: Dec 13 02:03:44 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\SFAMDLM121124SMA.M  
Quant Title : SFAM01.0  
QLast Update : Fri Dec 13 02:01:12 2024  
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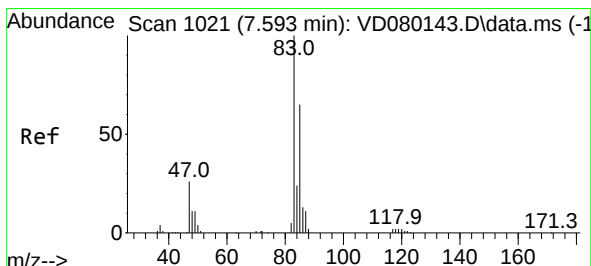
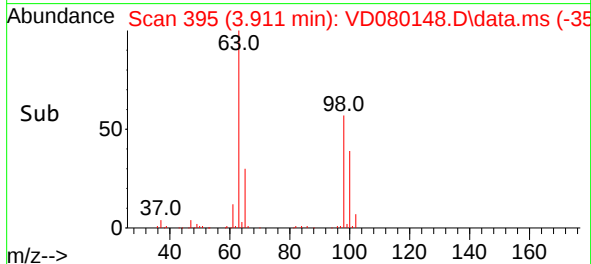
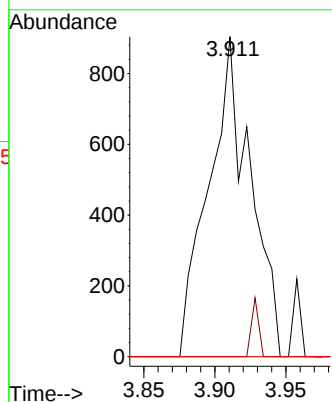


#10  
 1,1,2-Trichloro-1,2,2-trifluoroethane  
 Concen: 0.279 ug/L  
 RT: 3.911 min Scan# 395  
 Delta R.T. -0.059 min  
 Lab File: VD080148.D  
 Acq: 12 Dec 2024 17:07

Instrument :  
 MSVOA\_D  
 ClientSampleId :

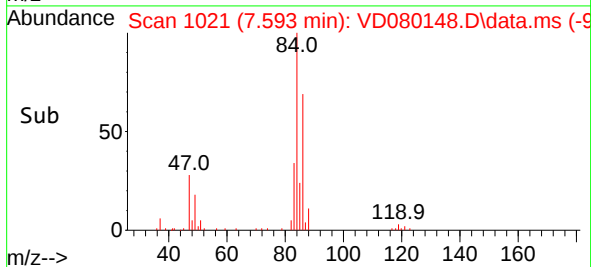
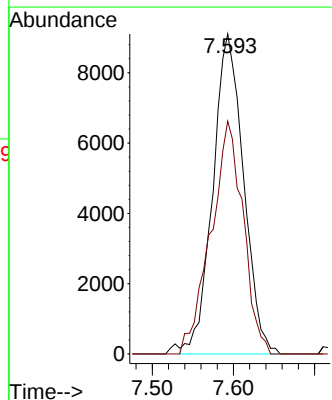
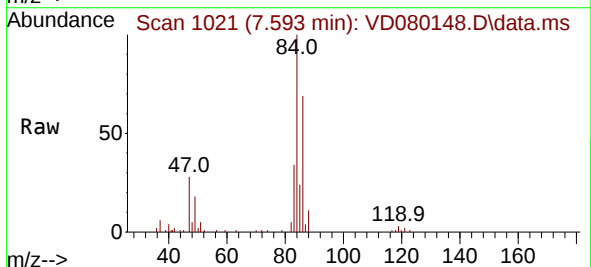


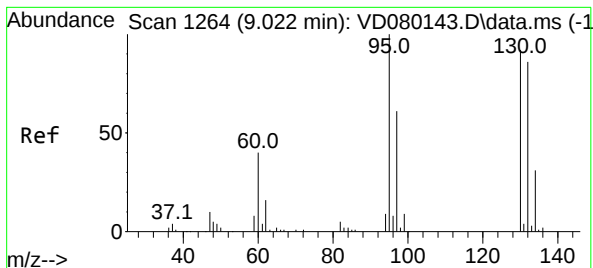
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 101   | Resp: | 1840  |
| Ion      | Ratio | Lower | Upper |
| 101      | 100   |       |       |
| 85       | 0.0   | 35.8  | 53.6# |
| 151      | 0.0   | 59.8  | 89.6# |



#25  
 Chloroform  
 Concen: 1.902 ug/L  
 RT: 7.593 min Scan# 1021  
 Delta R.T. 0.000 min  
 Lab File: VD080148.D  
 Acq: 12 Dec 2024 17:07

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 83    | Resp: | 23898 |
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 85       | 72.7  | 45.0  | 83.6  |





#34

Trichloroethene

Concen: 1.567 ug/L

RT: 8.775 min Scan# 1

Delta R.T. -0.247 min

Lab File: VD080148.D

Acq: 12 Dec 2024 17:07

Instrument :

MSVOA\_D

ClientSampleId :

Tgt Ion: 95 Resp: 10912

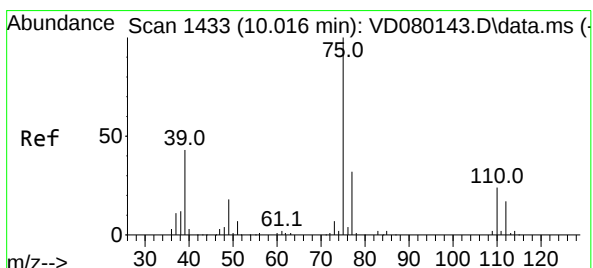
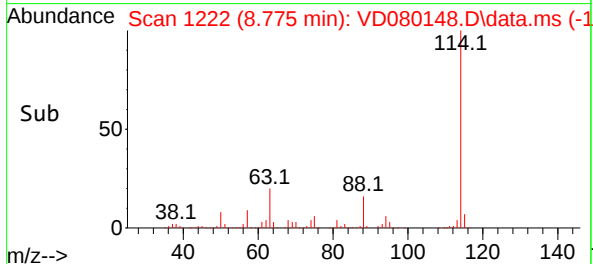
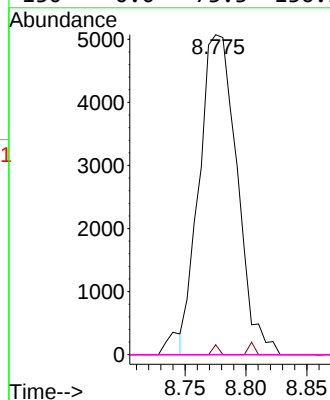
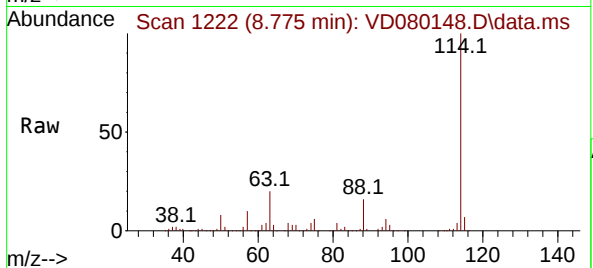
Ion Ratio Lower Upper

95 100

97 3.1 43.7 81.1#

132 0.0 69.4 129.0#

130 0.0 73.3 136.1#



#39

cis-1,3-Dichloropropene

Concen: 0.401 ug/L

RT: 9.981 min Scan# 1427

Delta R.T. -0.035 min

Lab File: VD080148.D

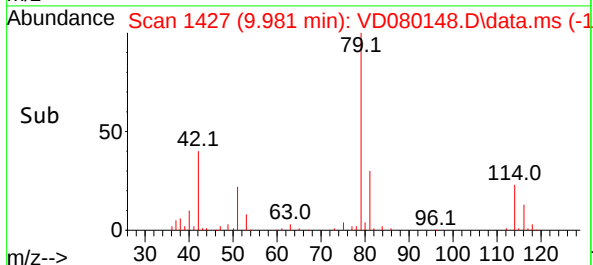
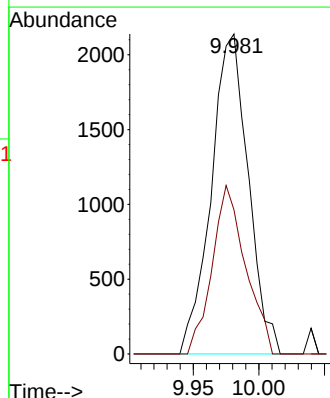
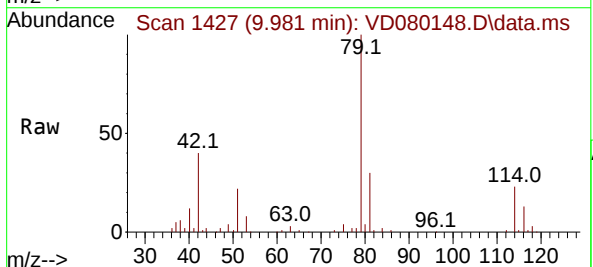
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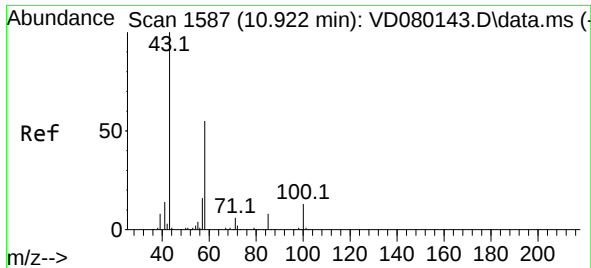
Tgt Ion: 75 Resp: 4201

Ion Ratio Lower Upper

75 100

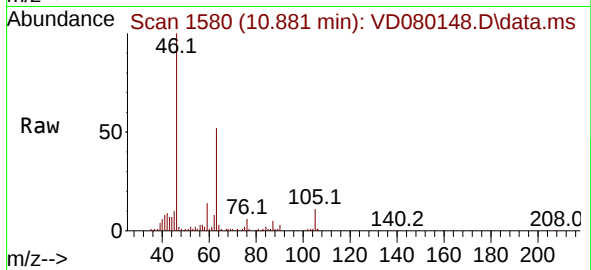
77 45.1 21.8 40.6#





#48  
 2-Hexanone  
 Concen: 1.688 ug/L  
 RT: 10.881 min Scan# 11  
 Delta R.T. -0.041 min  
 Lab File: VD080148.D  
 Acq: 12 Dec 2024 17:07

Instrument :  
 MSVOA\_D  
 ClientSampleId :



Tgt Ion: 43 Resp: 5597

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 58  | 35.1  | 41.8  | 62.6# |
| 57  | 39.4  | 14.8  | 22.2# |
| 100 | 0.0   | 9.0   | 13.6# |

