

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW071922\  
 Data File : VW023875.D  
 Acq On : 19 Jul 2022 11:27  
 Operator : SY/VA  
 Sample : N3722-17  
 Misc : 5.56g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 F5C53

Quant Time: Jul 20 01:18:39 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM071322SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Wed Jul 20 01:17:09 2022  
 Response via : Initial Calibration

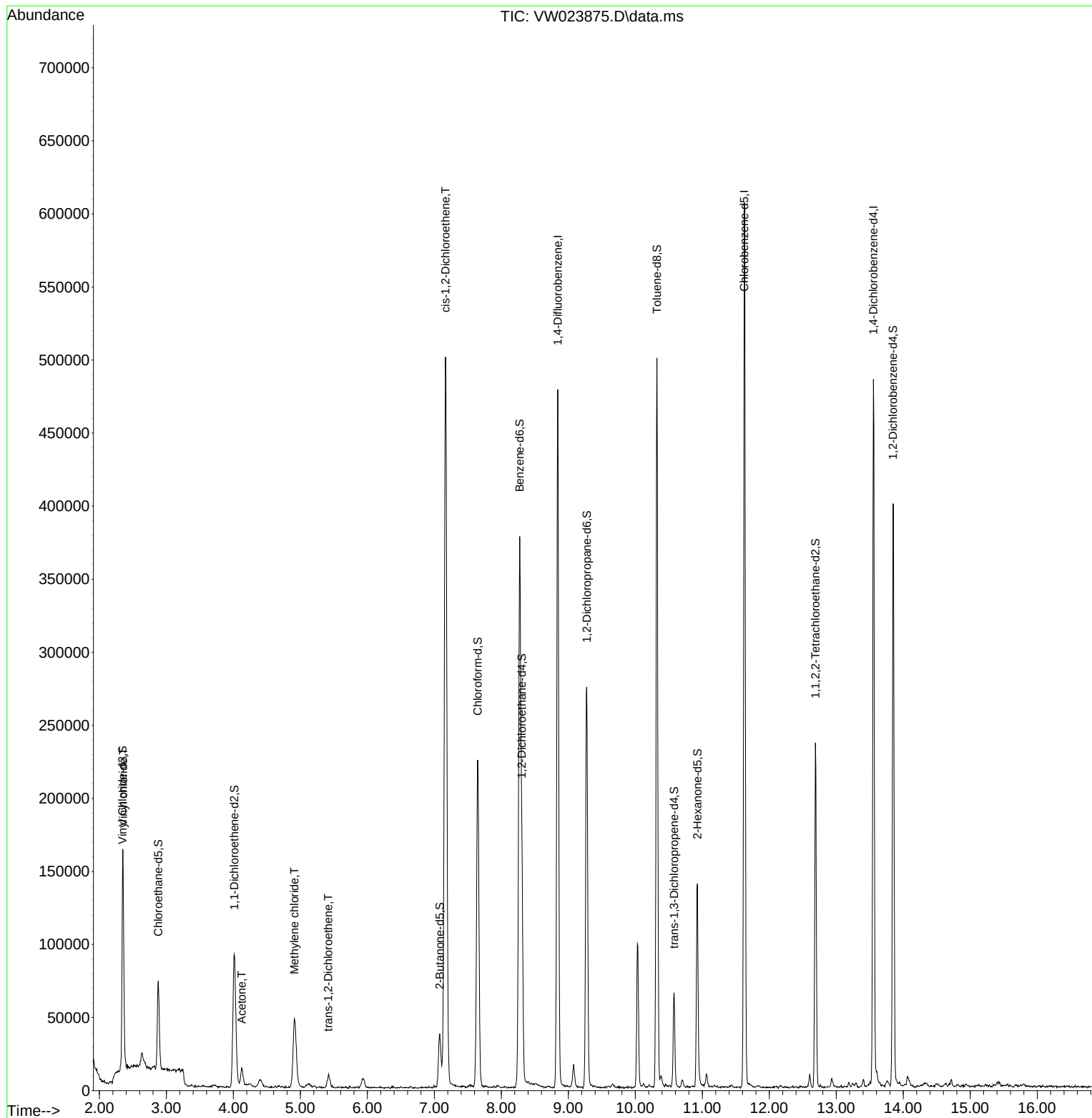
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 8.842  | 114   | 384102   | 25.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 11.628 | 117   | 332582   | 25.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.554 | 152   | 120080   | 25.000   | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 2.343  | 65    | 90604    | 9.236    | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 36.960%  |
| 7) Chloroethane-d5            | 2.879  | 69    | 68981    | 10.540   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 42.160%  |
| 11) 1,1-Dichloroethene-d2     | 4.013  | 63    | 88804    | 11.116   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =      | 44.480%# |
| 21) 2-Butanone-d5             | 7.080  | 46    | 57632    | 37.874   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 75.740%  |
| 24) Chloroform-d              | 7.647  | 84    | 223348   | 19.972   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =      | 79.880%  |
| 26) 1,2-Dichloroethane-d4     | 8.305  | 65    | 117465   | 17.174   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =      | 68.680%# |
| 32) Benzene-d6                | 8.275  | 84    | 377872   | 21.857   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =      | 87.440%  |
| 36) 1,2-Dichloropropane-d6    | 9.275  | 67    | 123164   | 23.650   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =      | 94.600%  |
| 41) Toluene-d8                | 10.323 | 98    | 324984   | 18.532   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =      | 74.120%  |
| 43) trans-1,3-Dichloroprop... | 10.579 | 79    | 36038    | 14.763   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =      | 59.040%  |
| 47) 2-Hexanone-d5             | 10.927 | 63    | 46244    | 42.229   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 84.460%  |
| 56) 1,1,2,2-Tetrachloroeth... | 12.689 | 84    | 110026   | 19.118   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =      | 76.480%  |
| 66) 1,2-Dichlorobenzene-d4    | 13.847 | 152   | 97123    | 22.657   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =      | 90.640%  |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 5) Vinyl chloride             | 2.355  | 62    | 69518    | 6.333    | ug/L   | 97       |
| 13) Acetone                   | 4.123  | 43    | 19851    | 18.452   | ug/L   | 99       |
| 16) Methylene chloride        | 4.909  | 84    | 39970    | 6.655    | ug/L   | 93       |
| 17) trans-1,2-Dichloroethene  | 5.415  | 96    | 4768     | 0.965    | ug/L   | 89       |
| 20) cis-1,2-Dichloroethene    | 7.165  | 96    | 294626   | 53.833   | ug/L # | 94       |
| -----                         |        |       |          |          |        |          |

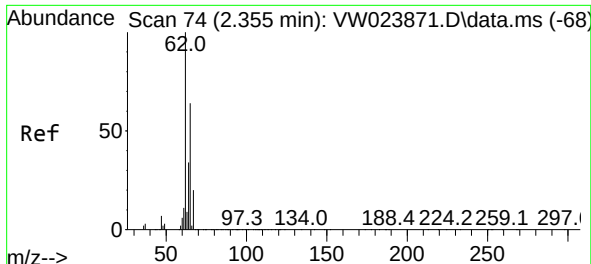
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0  
QLast Update : Wed Jul 20 01:17:09 2022  
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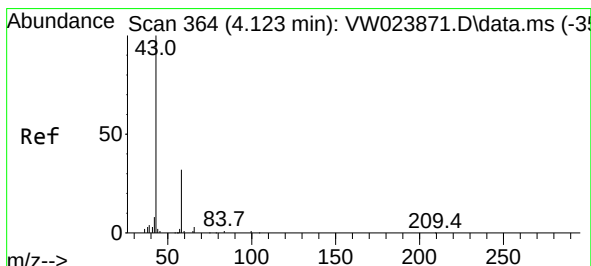
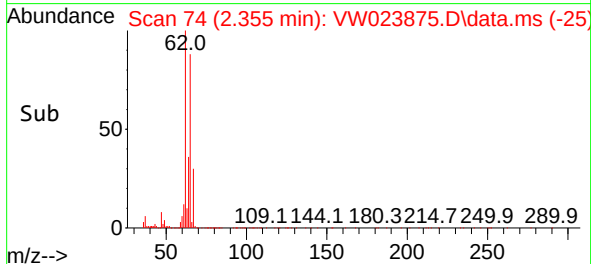
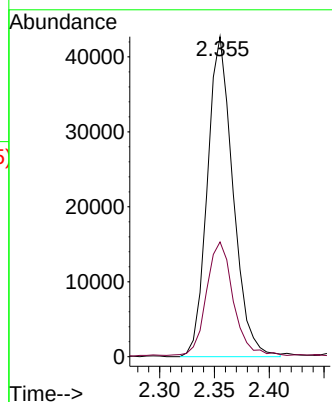
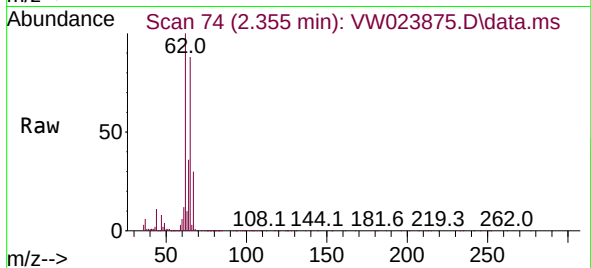




#5  
 Vinyl chloride  
 Concen: 6.333 ug/L  
 RT: 2.355 min Scan# 74  
 Delta R.T. 0.000 min  
 Lab File: VW023875.D  
 Acq: 19 Jul 2022 11:27

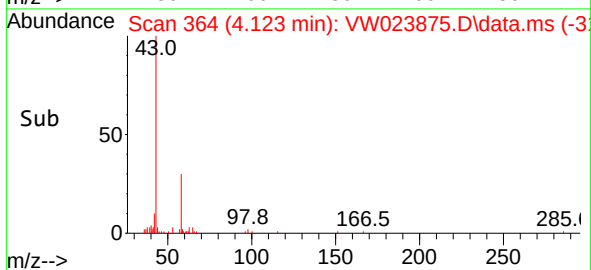
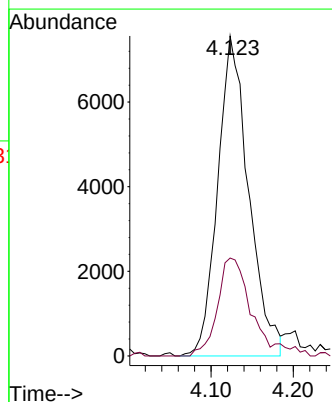
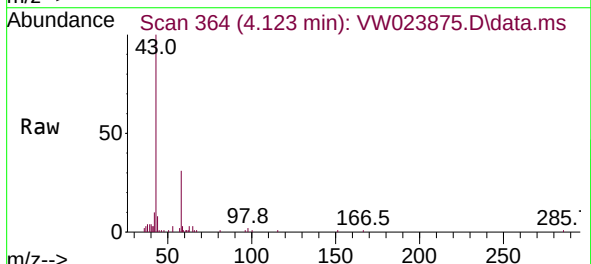
Instrument :  
 MSVOA\_W  
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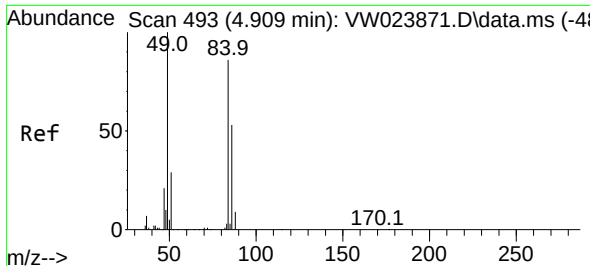
Tgt Ion: 62 Resp: 69518  
 Ion Ratio Lower Upper  
 62 100  
 64 35.9 24.0 44.6



#13  
 Acetone  
 Concen: 18.452 ug/L  
 RT: 4.123 min Scan# 364  
 Delta R.T. 0.000 min  
 Lab File: VW023875.D  
 Acq: 19 Jul 2022 11:27

Tgt Ion: 43 Resp: 19851  
 Ion Ratio Lower Upper  
 43 100  
 58 31.4 0.0 64.2

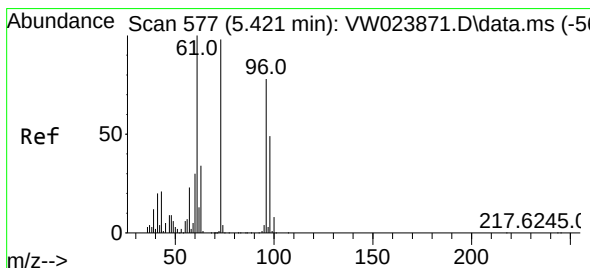
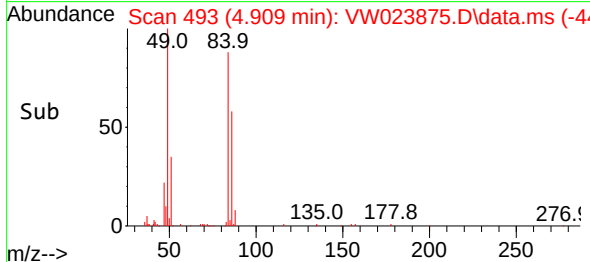
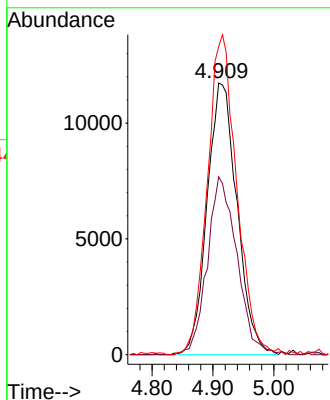
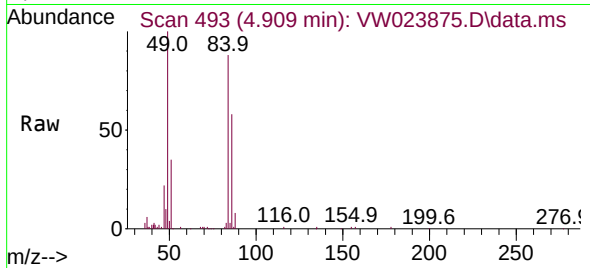




#16  
Methylene chloride  
Concen: 6.655 ug/L  
RT: 4.909 min Scan# 493  
Delta R.T. 0.000 min  
Lab File: VW023875.D  
Acq: 19 Jul 2022 11:27

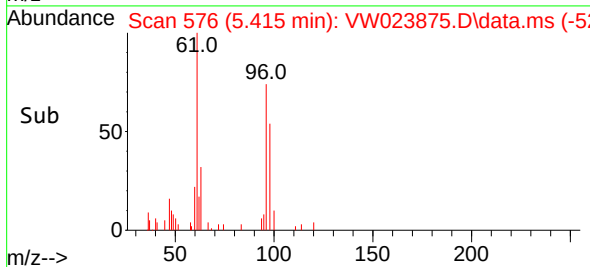
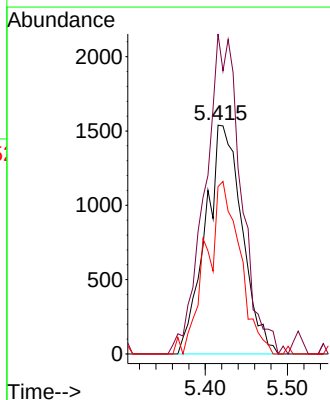
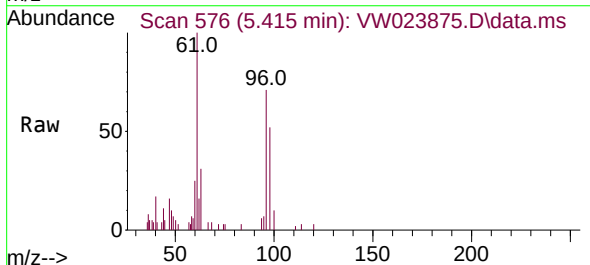
Instrument :  
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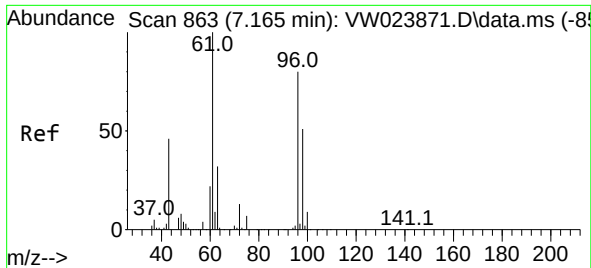
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 84    | Resp: | 39970 |
| Ion      | Ratio | Lower | Upper |
| 84       | 100   |       |       |
| 86       | 65.5  | 42.8  | 79.6  |
| 49       | 113.4 | 85.4  | 158.6 |



#17  
trans-1,2-Dichloroethene  
Concen: 0.965 ug/L  
RT: 5.415 min Scan# 576  
Delta R.T. -0.006 min  
Lab File: VW023875.D  
Acq: 19 Jul 2022 11:27

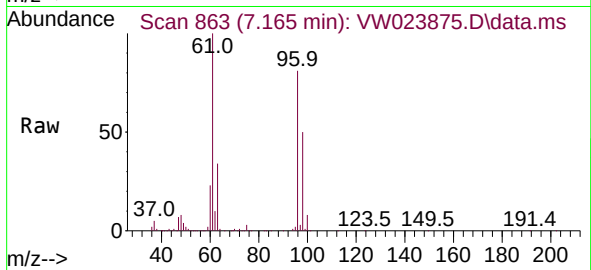
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 96    | Resp: | 4768  |
| Ion      | Ratio | Lower | Upper |
| 96       | 100   |       |       |
| 61       | 139.9 | 90.8  | 168.6 |
| 98       | 73.2  | 42.8  | 79.6  |





#20  
 cis-1,2-Dichloroethene  
 Concen: 53.833 ug/L  
 RT: 7.165 min Scan# 80  
 Delta R.T. 0.000 min  
 Lab File: VW023875.D  
 Acq: 19 Jul 2022 11:27

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 F5C53



Tgt Ion: 96 Resp: 294626

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 96  | 100   |       |       |
| 61  | 122.7 | 90.6  | 168.2 |
| 68  | 0.1   | 0.2   | 0.4   |

