

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX112723\  
 Data File : VX039033.D  
 Acq On : 27 Nov 2023 11:41  
 Operator : JC/MD  
 Sample : VX1127WBL01  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX1127WBL01

Manual Integrations  
 APPROVED

Reviewed By : John Carlone 11/28/2023  
 Supervised By : Mahesh Dadoda 11/28/2023

Quant Time: Nov 28 01:11:28 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\624X112423W.M  
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
 QLast Update : Mon Nov 27 03:22:25 2023  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon  | Response | Conc     | Units      | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|------------|----------|
| -----                       |        |       |          |          |            |          |
| Internal Standards          |        |       |          |          |            |          |
| 1) Bromochloromethane       | 4.910  | 128   | 9668m    | 30.000   | ug/l       | 0.01     |
| 28) 1,4-Difluorobenzene     | 6.763  | 114   | 79743    | 30.000   | ug/l       | 0.00     |
| 57) Chlorobenzene-d5        | 10.055 | 117   | 96200    | 30.000   | ug/l       | 0.00     |
| System Monitoring Compounds |        |       |          |          |            |          |
| 27) 1,2-Dichloroethane-d4   | 5.958  | 65    | 43467    | 32.864   | ug/l       | 0.00     |
| Spiked Amount               | 30.000 | Range | 91 - 110 | Recovery | = 109.533% |          |
| 60) 4-Bromofluorobenzene    | 11.079 | 95    | 60235    | 28.667   | ug/l       | 0.00     |
| Spiked Amount               | 30.000 | Range | 63 - 112 | Recovery | = 95.567%  |          |
| 63) Toluene-d8              | 8.647  | 98    | 116250   | 30.565   | ug/l       | 0.00     |
| Spiked Amount               | 30.000 | Range | 91 - 112 | Recovery | = 101.867% |          |

| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

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

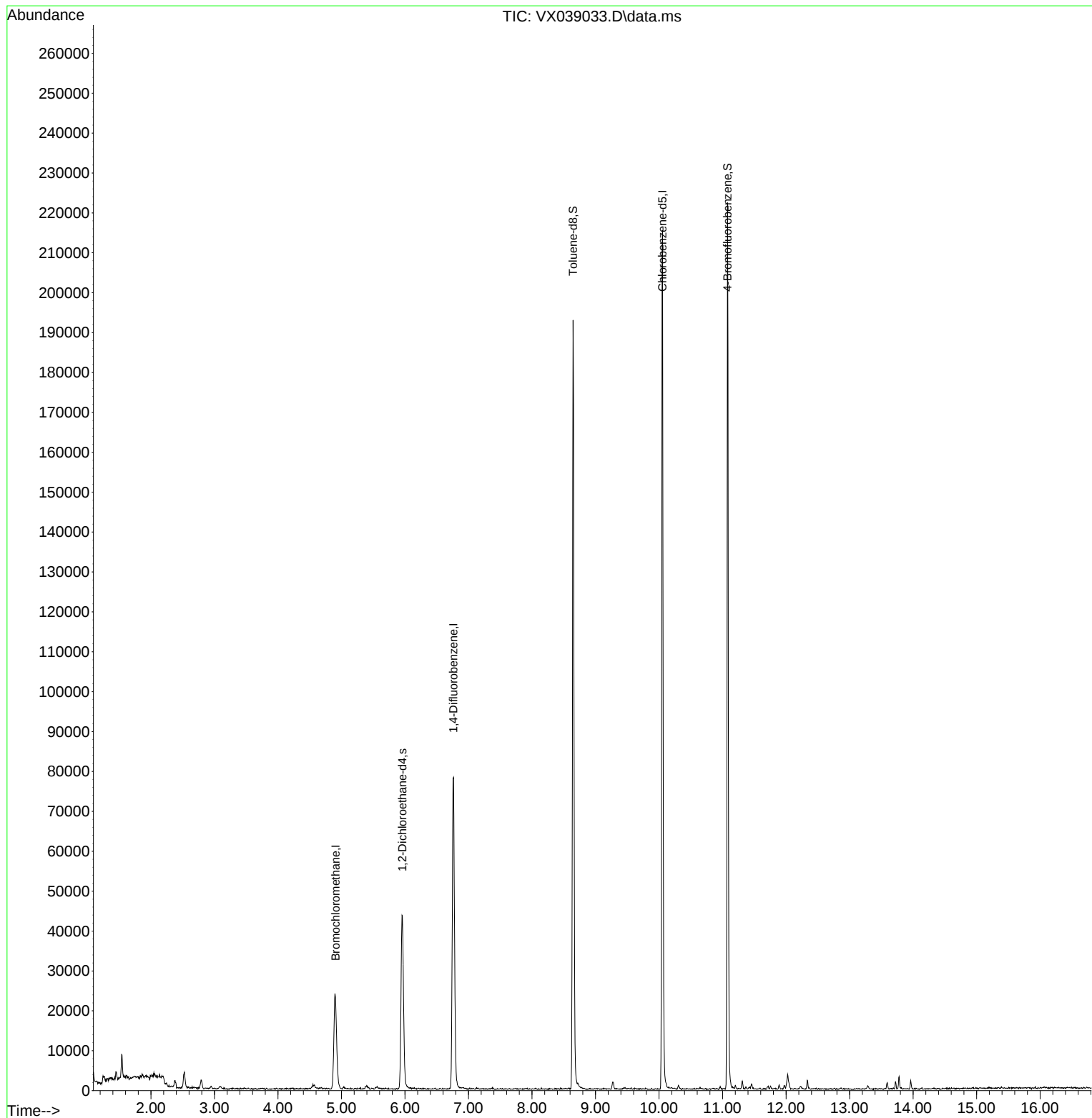
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX112723\  
Data File : VX039033.D  
Acq On : 27 Nov 2023 11:41  
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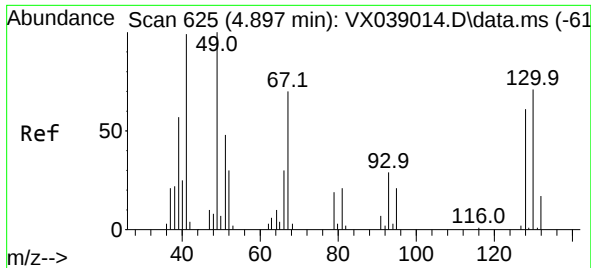
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VX1127WBL01

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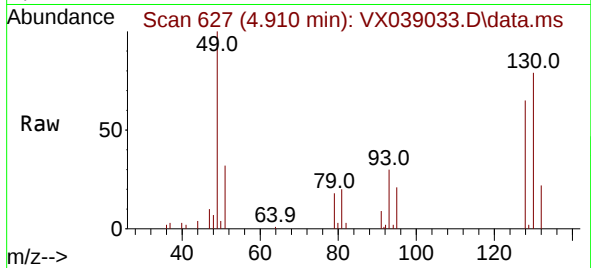
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\624X112423W.M  
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
QLast Update : Mon Nov 27 03:22:25 2023  
Response via : Initial Calibration





#1  
Bromochloromethane  
Concen: 30.000 ug/l m  
RT: 4.910 min Scan# 61  
Delta R.T. 0.013 min  
Lab File: VX039033.D  
Acq: 27 Nov 2023 11:41

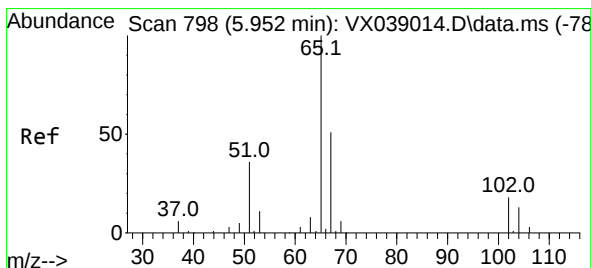
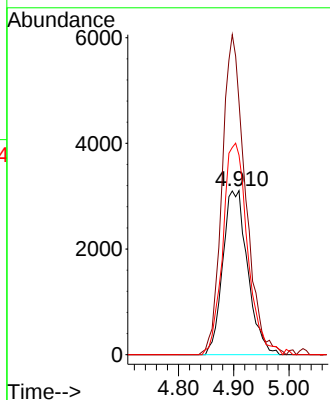
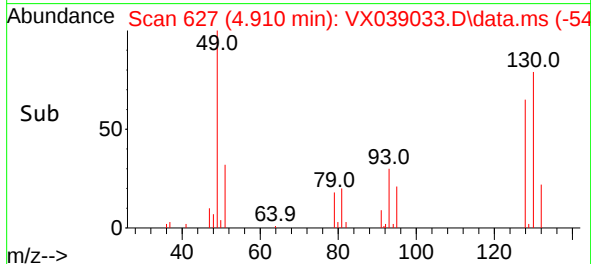
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1127WBL01



Tgt Ion:128 Resp: 966  
Ion Ratio Lower Upper  
128 100  
49 182.3 0.0 444.0  
130 128.0 0.0 297.8

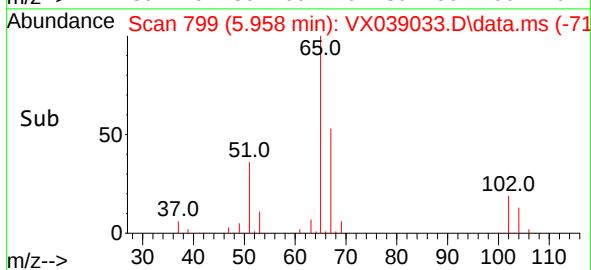
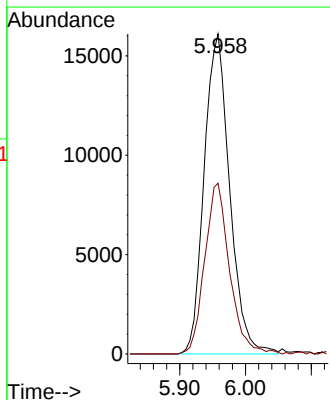
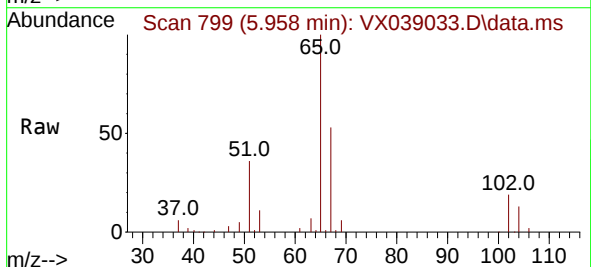
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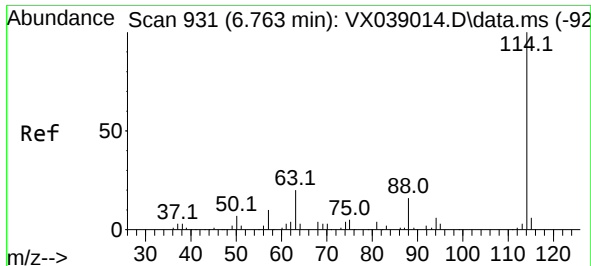
Reviewed By :John Carlone 11/28/2023  
Supervised By :Mahesh Dadoda 11/28/2023



#27  
1,2-Dichloroethane-d4  
Concen: 32.864 ug/l  
RT: 5.958 min Scan# 799  
Delta R.T. 0.006 min  
Lab File: VX039033.D  
Acq: 27 Nov 2023 11:41

Tgt Ion: 65 Resp: 43467  
Ion Ratio Lower Upper  
65 100  
67 51.7 42.5 63.7





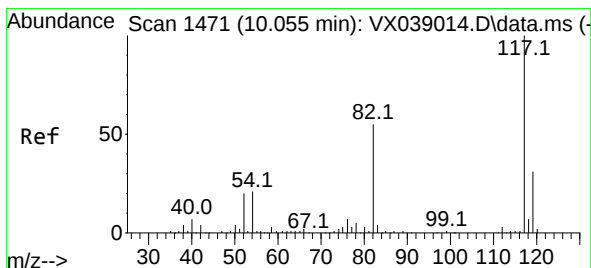
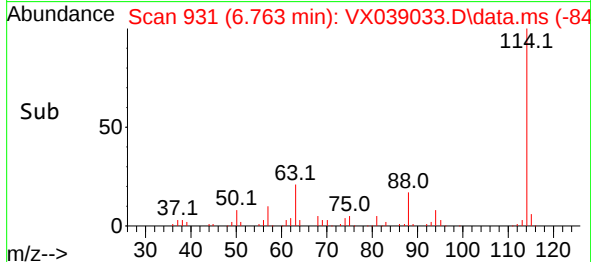
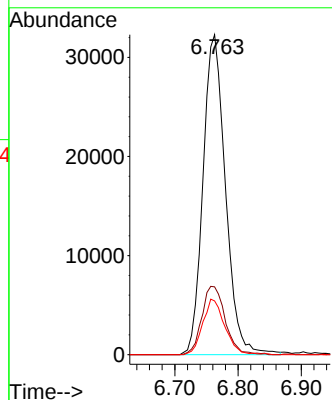
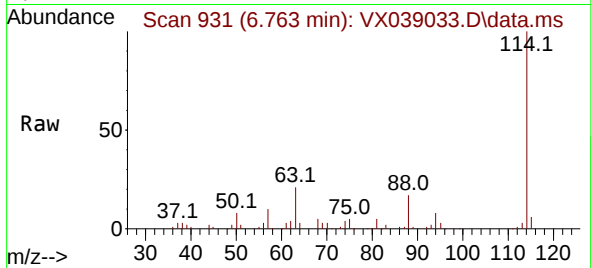
#28  
1,4-Difluorobenzene  
Concen: 30.000 ug/l  
RT: 6.763 min Scan# 914  
Delta R.T. -0.000 min  
Lab File: VX039033.D  
Acq: 27 Nov 2023 11:41

Instrument :  
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ClientSampleId :  
VX1127WBL01

Tgt Ion:114 Resp: 7974  
Ion Ratio Lower Upper  
114 100  
63 21.9 17.0 25.4  
88 17.0 12.7 19.1

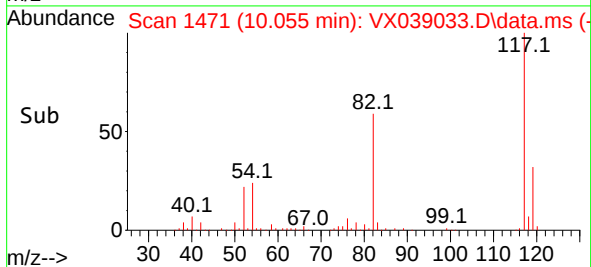
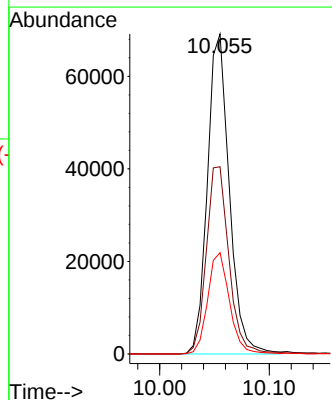
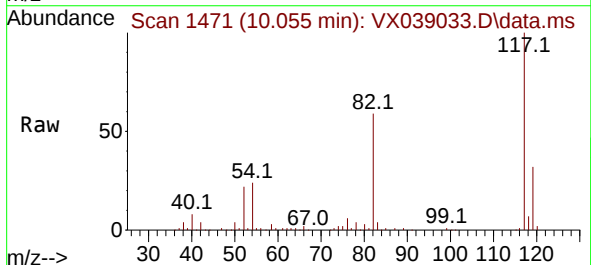
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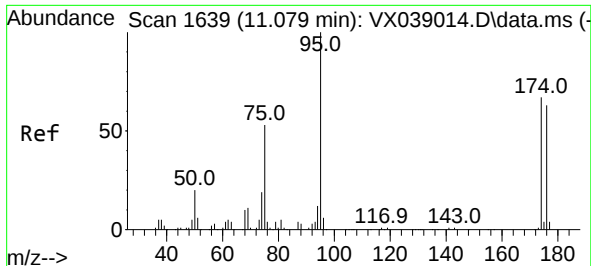
Reviewed By :John Carlone 11/28/2023  
Supervised By :Mahesh Dadoda 11/28/2023



#57  
Chlorobenzene-d5  
Concen: 30.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. -0.000 min  
Lab File: VX039033.D  
Acq: 27 Nov 2023 11:41

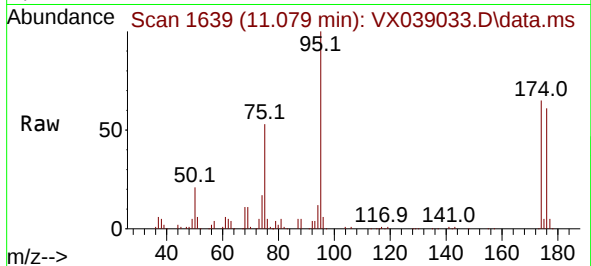
Tgt Ion:117 Resp: 96200  
Ion Ratio Lower Upper  
117 100  
82 60.4 47.0 70.6  
119 31.4 25.2 37.8





#60  
4-Bromofluorobenzene  
Concen: 28.667 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. -0.000 min  
Lab File: VX039033.D  
Acq: 27 Nov 2023 11:41

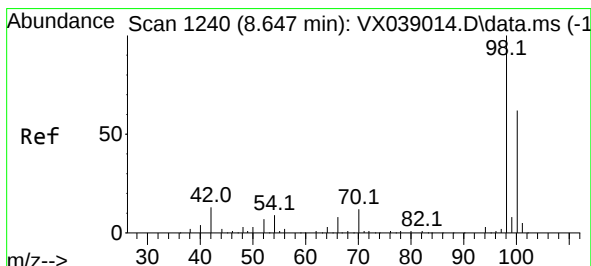
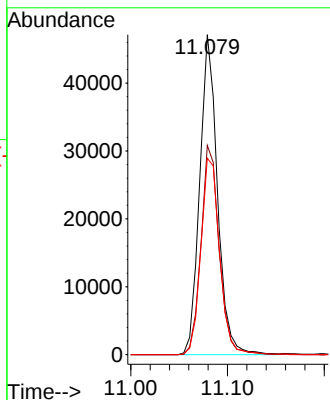
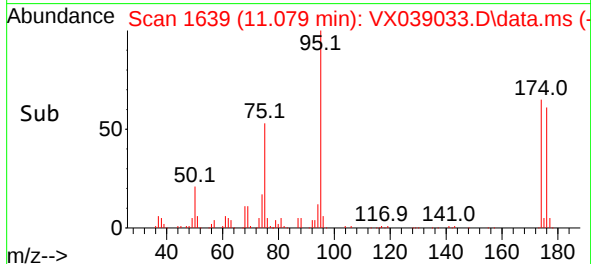
Instrument :  
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ClientSampleId :  
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Tgt Ion: 95 Resp: 60235  
Ion Ratio Lower Upper  
95 100  
174 66.8 55.4 83.2  
176 64.9 52.6 78.8

Manual Integrations  
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#63  
Toluene-d8  
Concen: 30.565 ug/l  
RT: 8.647 min Scan# 1240  
Delta R.T. -0.000 min  
Lab File: VX039033.D  
Acq: 27 Nov 2023 11:41

Tgt Ion: 98 Resp: 116250  
Ion Ratio Lower Upper  
98 100  
100 63.2 51.0 76.4

